

2022 Orange County 4-H Member Handbook



**LEADING THE WAY TO
A BRIGHTER FUTURE!**

**Orange County 4-H Fair
June 24th –July 1st**

MY INFORMATION

Name: _____

v2.4HOnline Username: _____

v2.4HOnline Password: _____

Premise ID #: _____

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GENERAL INFORMATION

This handbook will give you important information on 4-H projects and activities offered in Orange County and throughout the State of Indiana. **Information in this handbook takes precedence over information in the project manuals.** Be sure 4-H projects meet all requirements as specified in this handbook. Please read this Handbook and take notice of specific deadlines. This handbook is printed early in the year with information that is correct and current at the time of printing. However, rules may change, especially in the case of state livestock rules. Updated information, if necessary, will be provided in the 4-H/Youth Development Newsletter and/or other correspondence and will take precedence over information printed in this handbook.

Office Staff

TBD

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State Website: <https://extension.purdue.edu/4h>

County Website: www.extension.purdue.edu/orange

Facebook Page: www.facebook.com/countyorange

4-HOnline Enrollment: v2.4honline.com

FairEntry Registrations: <http://orangecounty4h.fairentry.com>

The **Orange County 4-H Council** is the advisory body for policies, rules and guidelines for the Orange County 4-H Program.

2022 Orange County 4-H Council

Destany Pingle- President

David Bledsoe – Vice President

Tara Robbins - Secretary

Gretta Hopper - Treasurer

Leslie Padgett

Ronnie McCabe

Ashley Crane

Kristen Bishop

Kathy Elliott

Noah Johnson

Braydon Hayes

Lindsay Robbins

The **Orange County 4-H Incorporated Board** is the governing body for the Orange County 4-H Fairgrounds.

2022 Orange County 4-H Incorporated Board

Michael Lash

Connie Kerby

Michael Kern

Jim Padgett

Barry Wilson

Lacy Deom

Nick Padgett

Amanda Cheatham

Justin England

Kelvin McCord

Kirstie Burris

Orange County 4-H Cancellation Policy

Orange County 4-H Programs (county, clubs, and groups) may be cancelled if Orange County or the county where the event is scheduled to occur is under a Winter Storm, Wind Chill, Tornado, Blizzard or Severe Thunderstorm Warning(s) as issued by the National Weather Service.

In case of inclement weather, refer to the Emergency Response Plan for the Orange County Fairgrounds. This plan is available on the Orange County Extension Website and will be posted at the fairgrounds in each building.

Remember, we are in the business of teaching youth to be safe. That includes knowing when to stay home.

- When possible, cancellations of county programs will be posted on the website. Check with your club leader to see how your club notifies members of club cancellations.
- The Purdue Extension – Orange County office will send emails when possible.
- General rule of thumb: if school is cancelled, 4-H activities are cancelled.

Orange County 4-H Event cancellations or postponements

- Any 4-H event postponed due to lightning/thunder should wait 15 minutes after the last strike was seen.
- No 4-H event shall be cancelled or continued without the consent of the 4-H Extension Educator and the 4-H Council President or their designee.

Check the following locations for closing announcements:

- Email
- Purdue Extension – Orange County Website
- Facebook – Purdue Extension Orange County

4-H Basics & Available Resources

4-H Pledge

I pledge

My HEAD to clearer thinking

My HEART to greater loyalty

My HANDS to larger service

My HEALTH to better living

For my Club, my Community, my
Country, and my World

4-H Emblem

A four-leaf clover with the letter
“H” on each leaflet, meaning the
development of Head, Heart,
Hands, and Health.

4-H Motto

“To make the best better”

4-H Vision Statement

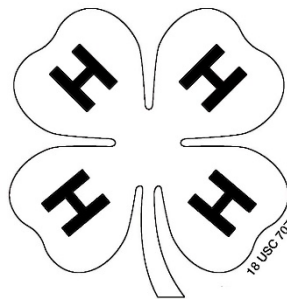
We strive to be the premier,
community-based program
empowering young people to
reach their full potential.

4-H Purpose

To assist youth and adults in their
development by conducting
hands- on educational programs,
using the knowledge base of
Purdue University, other land
grant universities, and the United
States Department of Agriculture.

4-H Mission Statement

To provide real-life educational
opportunities that develop young
people who positively impact
their community and world.



Items for Sale in the Extension Office

***Prices and availability subject to change**

Books

Let's Look at Rocks - \$5.00
Horse & Pony Rule Book - \$5.00
Plat Book - \$30.00

Electric Kits

Electric 1—Circuit Board - \$4.50
Electric 2—Shake Light - \$15.00
Electric 3—
 Extension Cord - \$21.50
 Trouble Light - \$31.50

Poster Supplies

Foam Board - \$2.00
Poster Sleeve - \$1.00 each
Salon Print Sleeve - 50¢ each

Entomology Supplies

Cards & Labels - \$5.00
100 Pins & 3 Vials - \$6.00
How-to Insects Book - \$5.00

Forestry Supplies

Fifty Trees of Indiana Book - \$6.00
Leaf Mounting Paper - 25¢ each
Tree Measuring Stick - \$2.50

Cricut

The Orange County 4-H Council has a Cricut available for use by 4-H members, free of charge. Please call the Extension Office to reserve a time block. Use of Cricut will be scheduled in 1 hour time blocks. 4-H member must supply their own paper and materials. Several cartridges are available for use. 4-H Council may purchase additional cartridges in the future if there is sufficient interest in specific ones. We hope this will be a great resource for your Scrapbooking, Arts & Crafts, and poster projects.

COUNTY GUIDELINES FOR 4-H COUNCIL POLICY DEVELOPMENT

The Orange County 4-H Council is the governing body for the county 4-H program, under the auspices of the County Extension Board. The 4-H Council is made up of 1 member from each geographical area of the county (Orleans, Paoli, French Lick/West Baden), 6 At Large members and 4 youth members (one from each school district and a Jr. Leader representative). The 4-H Council has the overall responsibility to develop rules and policies as the operating framework for the county 4-H program. Various 4-H committees and volunteer leaders are given the opportunity to plan, conduct, and evaluate programs, under the direction of the Orange County 4-H Council. Committees appointed by 4-H Council are necessary and vital to the 4-H organization and for the development of programs. These committees need to function according to a specific purpose with guidelines for responsibilities. One purpose of these 4-H committees is to evaluate their respective programs and to provide recommendations for rule and policy additions or revisions. Any 4-H rule or policy that relates to enrollment, project requirements, exhibition, completion, and recognition must be submitted to the Orange County 4-H Council for approval. To assist the Orange County 4-H Council in 4-H Policy Development, committees need to begin evaluating their programs and projects after the county fair. All committees and volunteers are encouraged to attend the August 4-H Council meeting to bring forth ideas, suggestions, and recommendations for the 4-H program. By the October 4-H Council meeting, any rule or policy recommendation must be made in writing to the Orange County 4-H Council. The 4-H Council will give consideration and will respond by its stated November meeting. At approval, the rule or policy will become effective. Following these timelines enables the printing of the 4-H member handbook in a timely manner for the convenience of Orange County 4-H members and families.

Loss or damage

The 4-H Council or Extension Office will not be responsible for any damage or loss of a 4-H exhibit while at the County or State Fair (attendants will use all precaution possible to avoid any losses or damage).

The 4-H member or parent will be responsible for any exhibit to be taken to

the State Fair which is inconvenient to take in a car. All other non-animal projects will be transported to the State Fair by the Extension Office Staff. However, the Indiana State Fair will not assume responsibility for any damaged or lost exhibits.

No advertising allowed

Commercial advertisement names or insignia, farm names and family names on 4-H exhibitors or exhibits while showing are prohibited. No distributing or posting advertising, except by order of the 4-H Council, is allowed.

Any questions not covered by the foregoing rules shall be referred to the Orange County 4-H Council. The violation of any rules, misstatement of fact or discourteous conduct toward a judge or chairperson will exclude the exhibitor from the right to exhibit.

Deadlines

The proper compliance with established, stated, and published final dates and deadlines is considered an appropriate expectation of 4-H membership. Submitting things on time and following the rules is part of the 4-H learning experience and is considered a reasonable thing to do. Individuals not complying with these expectations may lose awards, and privileges. This is especially true in animal projects where animal ownership, raising, and identification have a specific time line as part of the project requirements. The drop/add deadline for all projects is **May 15th**. No 4-H member will be allowed to enroll in any project after this deadline. All animal species with the exception of beef/dairy steers must be registered in 4-H online on or before **May 15th**. Beef/ dairy steers must be registered on or before **April 5th**. The FairEntry deadline will be announced by the Extension office by May 1st.

Members not complying with established and published dates for exhibition may be denied any and all premiums or awards for that project.

The Indiana 4-H Program Philosophy and Expectations

The Indiana 4-H Youth Development program serves the youth of Indiana by providing a strong educational youth development program. This program delivers educational experiences in a variety of settings. Caring, capable and contributing adults assist in the 4-H program as role models for youth. The rich heritage of the 4-H Program is one to be valued and

passed along to future generations. The Indiana 4-H Youth Policies and Procedures Handbook includes certain standards and guidelines to assure that 4-H is a positive youth development program.

County 4-H policy is guided by the county 4-H policy making or governing board (i.e., 4-H Council) as provided by the County Extension Board. Legal authority for the 4-H Program rests with the Director of the Cooperative Extension Service at Purdue University. No county 4-H policy may conflict with State 4-H policy or with federal guidelines and requirements. Deadlines for county and state participation should be carefully constructed so as to encourage rather than to discourage participation. Such deadlines should be well published. Members not complying with established and published dates and deadlines for exhibition may be denied the opportunity to exhibit.

It is the policy of 4-H to be an inclusive organization. No county policy or practice should be used to arbitrarily exclude youth from either membership or participation. Youth should participate in 4-H Youth Development opportunities at levels and times that best suit the youth's development and support family involvement.

4-H Club Membership

Youth may become 4-H members when they enter the third grade and may continue their membership through the completion of grade 12. Each individual may continue membership for a maximum of ten (10) consecutive years.

Exceptions:

- Youth who enroll in grade three and are advanced academically (thus graduating early) may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.
- Those youth who are academically advanced and “skip” 3rd grade, may begin the program as a 4th grader and may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.
- Those youth who enroll in grade three and are retained a grade in school may continue to progress through the 4-H Program by adding subsequent years of participation, but MAY NOT exceed 10 years of participation. For example, if a member is retained one year in school

(public, private, or home), their final year of 4-H membership would conclude the summer following their junior year of high school.

- Those youth who entered the program in 3rd grade and for one reason or another leave formal education prior to the completion of 12th grade may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.

NOTE: *10 years of membership in the 4-H Youth Development Program is an opportunity --- not an entitlement. Those youth who do not enroll as 3rd grade students or meet the exceptions above, conclude their involvement with the program during the summer immediately following the completion of their senior year in high school.*

An individual's 4-H grade is determined by the school grade in which he or she is classified at the time of year he or she enrolls in 4-H. A member does not advance in 4-H grade until he or she enrolls in 4-H for the subsequent year. Each member should enroll in the division of a project/subject that would best suit his/her interest and potential for personal growth and would enhance their family involvement.

Opportunities in the 4-H program are available to all Indiana youth as defined regardless of race, religion, color, sex, age, national origin, marital status, parental status, sexual orientation or disability. Married young men and women of 4-H age may participate in any of the 4-H projects and activities. However, married persons must participate by the same terms and conditions and/or guidelines as unmarried participants. Membership in 4-H is gained by annually enrolling through a Purdue University Cooperative Extension Service Office located in each of Indiana's 92 counties.

The Indiana 4-H Youth Development program year is October 1st to September 30th annually. Enrollment is an annual process attained by completing individual 4-H enrollment via the 4HOnline enrollment process. Statewide 4HOnline enrollment occurs annually October 1st through January 15th.

Mini 4-H Guidelines

Mini 4-H is a program designed to encourage positive development of children, Kindergarten through second grade. For more information on Mini 4-H please reference the mini section of the handbook.

Statements for 4-H Enrollment

There is a formal enrollment process for each young person who chooses to participate in the 4-H program. The following statements will appear on **EVERY** county's online and paper 4-H enrollment forms. Statements should be printed in such a manner that a box for parent initials appears next to each statement thus affording the opportunity for a single signature. The photo consent statement is optional. [4-H members 18 and over are considered legal adults and sign parent/guardian statements.]

Residence

Indiana youth typically enroll in 4-H Youth Development programs in the county or state in which they reside. However, individuals living in one county **may** join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single program year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment. In the event that a project is not offered in the county of primary 4-H enrollment, a 4-H member may enroll in that specific project in a different county. Approval of this special exception rests with the 4-H Extension Educator. Participation in 4-H related activities and events (i.e., judging, area performing arts, auction, etc.) must be in the county of primary 4-H enrollment. The above policy is not intended to provide an escape mechanism for 4-H members and families who are unwilling to follow the terms and/or conditions in their current county of 4-H membership. Decisions regarding 4-H membership in a non-resident county (a county you do not live in), rest with the 4-H Extension Educator in the receiving county.

Note: In a statement from our federal partner in Washington, D.C., the following statement appears: "*Anytime there are procedures for exclusion of individuals from events which use the 4-H name there are potential challenges to enforcement of the exclusions. The challenges have a substantial potential to prevail and they frequently result in negative publicity for the organization. Therefore, before choosing a policy of exclusion it is wise to evaluate the exclusion being considered, to be sure there is an overwhelming educationally based need for the exclusion*".

Extension employees and volunteers are obligated to eliminate (and

should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

Behavioral Criteria for 4-H Events and Activities

To 4-H members, volunteers, parents and the public: When attending, participating or acting on behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect rights of others, and to refrain from any conduct which may be injurious to the 4-H program. **The following actions constitute misconduct for which persons may be subject to disciplinary penalties and/or dismissal from the program:**

- Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.
- Alteration or unauthorized use of 4-H records.
- Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct.
- Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity.
- Failure to comply with directions of 4-H officials acting in the proper performance of their duties.
- Inhumane treatment of 4-H animal projects.

There are many opportunities for 4-H members, volunteers, parents and the public to participate in 4-H events and activities. When involved in such experiences, members, volunteers, parents and the public are expected to follow all rules and regulations as outlined by those responsible for the specific program or activity. In all such 4-H activities, the following constitute a violation of behavioral expectations:

- Possession or use of fire crackers, gun powder, firearms, chemicals or other materials that can be used to create an explosive mixture.
- Misuse of fire equipment or sounding a false fire alarm.
- Having a guest of the opposite gender in your sleeping quarters.
- Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person.
- Theft of or malicious damage to property.

- Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, or other dangerous substances.
- Inappropriate displays of affection towards another person(s).
- Inappropriate clothing or lack of clothing during the event or activity.
- Lewd, indecent, or obscene conduct.
- Unauthorized entry, use or occupancy of any facility.
- Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.

Exhibition

Exhibition of 4-H projects/subjects in local, county, or state exhibits/fairs is voluntary on the part of the exhibitor. The exhibition of 4-H projects/subjects provides 4-H members an opportunity to display their 4-H projects/subjects, enter into competition, and participate in an educational/social environment with peers. With exhibition also comes the responsibility for abiding by all the terms and conditions pertaining to the respective 4-H project.

Completion

The completion of a 4-H experience may include a variety of options and must not be misinterpreted solely as exhibition of a project at a local, county, or state fair. There are a number of ways that a young person may participate in the 4-H Youth Development Program in addition to the club-based option. Participating in these 4-H opportunities enable the youth to build skills that will serve them well throughout their adult lives. Some of these participation options do not include the preparation of a specific exhibit by an individual that would be on display at a fair or similar event. In some cases, the youths' actual participation may be the final product that results in their completion of a year of 4-H. Some examples of this participation include working as a team to develop a robot for a workshop or challenge; completing a Spark Club experience; participating in State 4-H Band or Chorus; taking part in a science training or experiment; participating in an after school 4-H experience; etc.

4-H members are considered complete in their 4-H educational experience for the year when they have (1) completed the 4-H member enrollment process prior to the established and published date for enrolling; and (2)

had an officially recognized 4-H volunteer/Extension Educator verify the existence of the completed project/subject or the member's participation in a 4-H educational experience. Additionally, 4-H members who participate in a club- or fair-based 4-H project/subject will submit a completed 4-H record sheet based on printed or web-based educational materials (used by Indiana 4-H Youth Development) prior to the established and published date. Though exhibiting in local, county, and state exhibits/fairs is not required for project completion, as it does not necessarily relate directly to content and skills learned in the development of the 4-H project, project exhibition is encouraged as a continuation of the educational experience.

Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

Guidelines for Animal Exhibits

Each 4-H member shall own his/her 4-H exhibit. Ownership, personal possession, and regular care of the animal must be in effect on or before the county and state enrollment deadlines and continuously until after the 4-H show at the county and/or state fair.

- For 4-H breeding animals: family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or legal guardians are acceptable.
- For 4-H dairy cattle: family corporations and/or partnerships of the 4-H member with unrelated persons or dairy operations are also acceptable.
- Dairy heifers, horses, and ponies may be leased subject to approval of both the county 4-H dairy or horse and pony committee and the respective County Extension Educator.
- 4-H animals exhibited after the animal ID deadline (May 15 for all animals) at any show by anyone other than the person whose 4-H enrollment record is connected to the ID of the animal in Indiana 4HOnline will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing State Fair eligibility. This policy applies to all

4-H animal projects. For animal projects without ID deadlines, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the owner of the animals.

- 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by the county 4-H council) from the animal ID deadline until the conclusion of the county and/or state fair.
- 4-H animals purchased, sold or offered for sale after the ID deadline and prior to the Indiana State Fair (**including animals that have gone through a "Premium Only Auction"**), shall not be eligible to show in the 4-H show at the Indiana State Fair. Sale of products of animals (milk, cheese, wool, etc.) in lieu of the animal, are considered equivalent to a "Premium Only Auction."

Grievance/Appeal Guidelines for County 4-H Program Issues: (Activities, Programs, Projects)

The grievance procedures outlined in this document are utilized as part of an internal process of the Indiana 4-H Youth Development program for use when grievances of 4-H members, their parents/guardians, or 4-H volunteers cannot be resolved via reasonable conversation. This policy affords the opportunity in those unique situations to allow voice or opinion to be heard when there is a dispute regarding 4-H participation, activities or programs. This is not a mechanism for complaints against individual 4-H members (or their families), 4-H volunteers, judging officials for competitive events, or Purdue Extension staff. All resulting decisions will be made in accordance with the Indiana 4-H Program's stated mission to be an inclusive organization designed to encourage and maximize youth participation. The rights of the individual filing the grievance are limited to those provided by Indiana 4-H Program policy.

Purdue University, as the Land Grant University in Indiana, is charged (by the United States Department of Agriculture) with implementing the 4-H Program in communities across the State of Indiana. Purdue Extension Educators in each Indiana County represent the university in local communities and have the responsibility of assuring all 4-H volunteers meet basic university criteria as they serve as representatives of the university. Purdue Extension Educators additionally provide oversight to

4-H volunteers including the assurance that Indiana 4-H Policies and Procedures are appropriately implemented in 4-H Program delivery.

Individual county 4-H policies and procedures should be created and reviewed to assure they do not contradict established statewide 4-H policies and procedures. If a contradiction is discovered during the grievance process, Indiana 4-H Program policy shall be followed in determining the grievance outcome.

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff or volunteers are not issues for which a grievance may be filed. 4-H volunteers are assigned by the 4-H Extension Educator. Concerns regarding 4-H volunteers or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)
2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.
3. The grievance process occurs in the county where the issue or concern arises and offers three opportunities for a concern to be heard and reviewed.
 - A. The grievance is initially heard by an unbiased, representative grievance sub-committee. It is the Purdue Extension Educator assigned to 4-H Programming who shall annually work with the chair of the county 4-H Council to determine this committee's membership to include the following individuals: one representative of the 4-H Council; two 4-H volunteers serving as a 4-H club organizational leader; one member of the County Extension Board; and one 4-H volunteer knowledgeable in the subject matter (project) of concern (this individual will vary dependent on issue raised with the grievance). The Purdue Extension Educator assigned to 4-H shall convene the group.

- B. The person filing the grievance may appeal the decision of the grievance sub-committee to the 4-H policy-making body, which will then review the facts in evidence and render a decision.
- C. The person filing a grievance may appeal a decision of the 4-H policy-making body to the County Extension Board. The Extension Board will review the facts in evidence and render a decision. This is the final level in the appeal process.

****While there is no doubt some overlap in who serves on these committees, the intent of a three level process is to assure different individuals have the opportunity to hear and act on the grievance. ALL individuals involved at any level of the grievance procedure are reminded of the importance of keeping discussions regarding grievances confidential.**

To maintain the confidentiality of the parties involved, the grievance hearings at each level will be closed to the public. Only the individuals who have filed the grievance, the members of the grievance committee, and the Purdue Extension Educators will be present during each level of the grievance process, *****The grievance process is internal to the Indiana 4-H Youth Development Program and meetings of the grievance committees are not subject to Indiana's Open Door Policy.**

The Purdue Extension Educator assigned to work with the 4-H Program has the obligation to inform all parties that there is a grievance procedure if there are disagreements with policies.

The practice of charging fees from those filing grievances shall be eliminated and all counties will utilize the Indiana 4-H Grievance/Appeal Form as part of the grievance process.

Please contact the Extension office to request a grievance form.

ACTIVITIES

Fashion Revue

The County Fashion Revue is open to ALL Sewing, Wearable Arts and Consumer Clothing project members. **ALL FASHION REVUE GARMENTS MUST BE JUDGED IN THE WEARABLE DIVISION IF ENROLLED IN THE SEWING PROJECT**

Junior Division: 4-H members in grades 3-7 at time of county 4-H enrollment deadline. Exhibit requirements are the same as corresponding division.

Senior Division: 4-H members in grades 8-12 at time of county 4-H enrollment deadline. Senior division categories are listed below. Category descriptions follow same requirements as corresponding division:

- | | | |
|----------------------------|---------------------|-----------------------|
| *Casual or Informal | *Formal Wear | *Dress Up Wear |
| *Separates | *Free Choice | *Suit or Coat |

In order to receive any awards in Fashion Revue, you must participate in the public show. If you attend judging, but do not participate in the public show, you will forfeit any awards won.

State Fashion Revue

An entrant must be age 14-19 on January 1, 2021. Garments modeled must have been made by participants since the previous county 4-H exhibit. An outfit is a garment(s) that when put together make a complete look -- such as 1- or 2- piece dress, or 1- or 2-piece pant suit, or a 3-piece combination, such as pants, vest, and blouse or shirt. An entrant may enter only 1 state 4-H Fashion Revue classification. Outfits to be worn in the state 4-H Fashion Revue cannot be exhibited in any other 4-H exhibit section.

State Public Speaking Contest

A 4-H Public Speaking Contest is held for all 4-H members in August at the Indiana State Fair. Speeches should be original with participant, and focus on a 4-H related topic. Each county may enroll their top three contestants per junior and senior age level.

Junior Division

- A participant must be a 4-H member and be in grades 6-8 of current academic year.

- Junior speeches should last 3-5 minutes. Judges will penalize contestants not meeting these time limits.

Senior Division

- A participant must be a 4-H member and be in grades 9-12.
- Senior speeches should last 5-7 minutes. Judges will penalize contestants not meeting these time limits.

TRIPS & OPPORTUNITIES

For more details about the following, please call the Purdue Extension Orange County Office at 812-723-7107:

- ◆ Area 2 4-H Camp
 - ◆ Area 2 Judging Contests (various)
 - ◆ Area 2 Junior Leader Retreat
 - ◆ Tractor and Lawn and Garden
- Tractor Contests
- ◆ 4-H Academy at Purdue
 - Animal Science
 - Civic Engagement
 - Entrepreneurship Academy
 - Food Science & Nutrition
 - Exploring Health Careers
 - Natural Resources
 - Plant Sciences
 - Spread the News
 - STEM it UP!
 - ◆ Global Gateway Experience at Heifer Ranch
 - ◆ Band, State 4-H
 - ◆ Chorus, State 4-H
 - ◆ Round-Up, 4-H Youth
 - ◆ Performing Arts at 4-H Round-Up
 - ◆ Teens as Teachers Conference
 - Teen Leadership
- Biotechnology
 - Animal Biosecurity
 - Healthy Living
 - Computer Coding
 - ◆ Junior Leader Conference, State
 - ◆ State Fair Youth Leadership Conf.
 - ◆ Indiana State Fair—Exhibit
- Building Workers
- ◆ Horse Judging Camp
 - ◆ Boiler Vet Camp
 - ◆ Demonstration and Public Speaking Contest
 - ◆ Citizenship Washington Focus
 - ◆ Indiana 4-H Leadership Summit
 - ◆ Fashion Revue
 - ◆ National 4-H Conference
 - ◆ National 4-H Dairy Conference
 - ◆ National 4-H Youth Congress
 - ◆ Hoosier Horse Fair
 - ◆ Indiana Junior Horticultural Association (IJHA)
 - ◆ National Junior Horticulture Association Convention

4-H Recognition/Awards

4-H recognition and awards will be presented during the fair and at the annual achievement program based on performance during the program year. The following are a list of awards that may vary from year to year.

Brownfield Network Agriculture Award

There will be 4 Agri-America Awards chosen. All 4-H'ers exhibiting in all animal projects are eligible (not necessarily grand champions). The criteria will be based on 4-H Achievement sheets and showmanship. The four awards will be given from WFLQ and WUME radio stations and Brownfield Network.

Cake Decorating

Wilton Enterprises gives awards to Best in Class, and 5 first prize winners in the cake decorating categories.

Electric Awards

Each year the Indiana Statewide Association of REMC and the Indiana Electric Association sponsors awards to outstanding 4-H electric members. Each member that takes the 4-H electric project is urged to take the project the following year.

Farm Bureau Tenure Award

The Women's Department of the Indiana Farm Bureau sponsors this award to encourage 4-H members to remain in club work. The awards are based on number of years in 4-H and completed projects.

Food Preservation Award

To further stimulate the art of home preservation, Jarden Home Brands offers coupons toward the purchase of home canning products to the winner in each class.

4-H Ribbons

The most basic of all tangible awards are presented to each 4-H'er, based on exhibits at county fair or for participation in various activities. Some ribbons designate participation; others designate quality of work. There are numerous styles of 4-H ribbons which are given as one form of recognition. For your information those awarded to non-animal projects are described

here:

Grand Champion: This is the best exhibit in a project

Reserve Grand Champion: Second best of project

State Fair: This exhibit has been chosen to go to the State Fair.

Champion: Best of division in a particular project.

Reserve Champion: Second best of division of project

Blue: First place group. Project work meets requirements.

Red: Second place group. Project work is good.

White: Third place group. Project work is missing an important element. There is room for improvement.

Participation: Given to a late entry project or late enrollee. All projects are to be checked in at the times designated.

Outstanding Club Secretary Award

Criteria for this award are based on neatness, completion, and accuracy. The secretary's book must be completed by the current club secretary. Only one is chosen from the county. The Club Secretary's typed record book (4-H 217) is due in to the Extension Office by September 1st.

Outstanding 4-H'er Award

This award is only to be received by 4-H'er one time during his or her 4-H career. The Outstanding 4-H'er must be at least 15 years of age during the calendar year. Eligible 4-H members must complete proper applications.

Outstanding Junior Leader Award

Given once in a member's career to a recipient who has the most participation in the group for that year, not only for meetings and Junior Leader events, but also for any extra activities that Junior Leaders may be asked to assist with.

Adult Leader/Volunteer Development & Recognition

Adult Volunteer Recognition

The success of the Orange County 4-H program is due to the efforts of a number of people. Through the help of volunteer leaders, committee persons, parents, and various organizations, 4-H is made to be a meaningful experience for 4-H members. Recognition for tenure and celebration of service takes place at the annual Orange County 4-H Achievement Program.

Friend of 4-H

The 4-H Council recognizes individuals in the community who are helping to benefit the 4-H program. The awards honor those whose accomplishments exemplify effective community leadership, public service, service to 4-H work, and success in their chosen careers. The winners of these awards exhibit the ideas of clear thinking, greater loyalty, larger service, and better living, as expressed in the 4-H pledge. The recipients of these awards provide youth with living examples of dependable, purposeful citizenship and encourage citizens to continue their interest in and cooperation with, the Extension Service. One award is given each year to a deserving adult, and is awarded only once in a lifetime to each recipient.

INDIANA 4-H FOUNDATION, INC

Indiana 4-H Foundation has a half-century legacy of supporting Hoosier youth through our state's premier youth development organization, Indiana 4-H Youth Development. Since 1961, the Indiana 4-H Foundation has supported the statewide Indiana 4-H program that is administered by the Purdue University Cooperative Extension Service in all 92 counties. A qualified 501(c)3 non-profit organization, the Foundation seeks to create and enhance growth and recognition opportunities for Indiana 4-H youth and their leaders. Ultimately, the goal is to enable Indiana 4-H youth to develop the hallmarks of successful citizens – responsibility, leadership and integrity. The Indiana 4-H Foundation mission is to provide resources that give the opportunity for all Indiana youth to develop life skills that benefit their communities. The Indiana 4-H Foundation vision strives to be a thriving Foundation that builds partnerships to secure financial support, advocacy and promotion of Indiana 4-H Youth Development now and for generations to come. The Indiana 4-H Foundation, Inc. is a not-for-profit organization dedicated to raising funds for support of Indiana 4-H programs, and for establishment of an Indiana-based 4-H Leadership Training Center. It was chartered with the State of Indiana on January 5, 1961. The primary purpose of the Indiana 4-H Foundation, Inc. is to establish and maintain a permanent, altruistic, not-for-profit corporation, primarily educational in nature, for the training of Indiana 4-H young people. Business affairs of the Foundation are managed by a 25-member Board of Directors. The 4-H Foundation is financially supported through

memberships, contributions, interest on trust funds, and dedicated funds. Foundation funds are used to support and help underwrite expenses for:

- Programs Materials and Events including but not limited to STEM, Healthy Living, Robotics, Leadership, and Building Community.
- Event funding for 4-H roundup, State Junior Leader Conference and 4-H Congress. Funding is also used for Senior Scholarships and Accomplishment Scholarships.

ORANGE COUNTY RULES & REGULATIONS FOR 4-H EXHIBITS

- **Submit completed online 4-H enrollment at v2.4honline.com/ and the \$15 Indiana State 4-H Membership Fee (made payable to “Purdue CES”, by January 15th.**
- Submit any project changes online by **May 15th** to drop or add projects.
- When a deadline falls on a Saturday or Sunday, or on a county holiday, items will be accepted in the Extension Office on the next business day until 4:00pm.
- Youth in grades K-2 during the current academic year may enroll in Mini 4-H. Youth in grades 3rd through 12th during the current academic year may enroll in regular 4-H.
- 4-H project record sheets must be properly completed and turned in during non-animal project judging and/or animal check-in, respectively. ***4-H members that do NOT turn record sheets on time and properly completed, will NOT be allowed to show the respective animal(s) or exhibit the respective project(s).*** Project committees will be responsible for approval of records prior to judging.
- The Danish judging system, Blue, Red, or White grouped placings, will be awarded to regular 4-H members with projects in the 4-H Exhibit Hall.
- Those participating in animal shows will use a 1st – 6th placing system, with the exception of the Poultry show which will also use the Danish system. Participation ribbons will be given if the exhibit or enrollment form is a late entry. Projects must be a blue ribbon placing to be eligible for a Champion. All projects may not have a Champion (*Champion = the best blue ribbon.*) Mini 4-H members will receive a distinct ribbon for completion of their project.
- All exhibits shall be made or, in the case of animals, owned by the 4-H club member. All exhibits will remain on display until date set to

release exhibits, unless otherwise stated.

EXHIBIT ELIGIBILITY

- No exhibit may be entered in more than one project. In a project requiring more than one item, all items must be exhibited by the same 4-H member. All parts of an exhibit made in one project must belong to one individual.
- All exhibits must be prepared during the calendar club year.
- Eligibility rests solely with the 4-H Council on entries in all 4-H classes.
- 4-H animals sold or purchased privately or offered for sale at public auction after the enrollment deadline and prior to the Orange County 4-H Fair shall not be eligible to show.
- Animals shown at other shows after the enrollment deadline under different ownership will not be eligible.

Any situations not covered by these rules shall be handled by the Orange County 4-H Council and Extension Educators.

Philosophy of Judging 4-H Projects

The 4-H program is designed to empower young people to become independent. They also participate with members of their family and community to create experiences that build self-confidence, develop inquiring minds, encourage interpersonal cooperation, develop concern for the community, and teach decision-making through real life participation. The 4-H project is part of that real-life participation. Participation in a "project" allows youth to have necessary developmental experiences. Children in grades K-12 also need to develop a sense of identity. They are not only faced with the task of discovering who they are but also with discovering who they can become. The creating, sharing, exhibiting, and judging of these projects is therefore one of the most meaningful parts of 4-H. Projects can provide many of the necessary experiences needed by children and adolescents to develop in positive and healthy ways. The successful 4-H judge creates a positive and exciting atmosphere for members as they watch their projects being evaluated. However, if the 4-H judge makes inappropriate, insensitive or demeaning comments, the judging experience can be harmful to the 4-H member's positive development, even if these comments are technically correct. Thus, the judge's role, the leader's role, the parent's role, and the

member's understanding of judging philosophy is essential. The exhibit/project display is not an end in itself, nor does it illustrate all the learning that takes place in a 4-H project; it displays a portion of what the child is capable of doing, and it shows what the 4-H member has accomplished and created. While this is important as part of a youth's development, the total development of the 4-H member is more important than the completion of the project/display.

Non-Animal Project Entry Check-In & Judging Procedure

Judging is a significant part of many 4-H experiences. It is intended to be a positive part of learning for the 4-H member and others. It reinforces learning when applied positively; but if it becomes a search for demerits, judging can be destructive of self-esteem, causing loss of interest in the program and in 4-H. It can inhibit creativity and learning. The attitude we have toward judging is critical to the value of judging as a positive part of the 4-H program. When evaluating the process of judging, the most important criteria for its use is the growth and development of the 4-H member and the new skills, understanding, and abilities that they have gained.

Judging a 4-H exhibit or display brings attention to only part of the total 4-H learning process and opportunity. It is important to focus on the total 4-H program by helping the 4-H participants recognize the many facets of the program. Youth and adults gain through the many accomplishments and achievements that occur throughout the total 4-H program and year.

All judges will be present and begin judging at the time the projects are entered. Judges will examine the projects, decide ribbon colors, and speak to the 4-H member (*if present*) immediately after check-in of each project. This judging will take place between the 4-H member and the judge only. Division champions, grand champions, etc., will be decided by the judge after all projects have been checked in. **No placing will be official until the 4-H Exhibit Hall opens at the beginning of the county fair.**

Volunteer workers will be asked to come in 30 minutes prior to check-in to go over procedures and responsibilities. This is necessary to make check-in run as smoothly as possible. Workers will have their assigned areas known ahead of check-in day. The only youth volunteers that will be working on the judging days will be Junior Leaders (grades 7-12). Project judging will be done by open judging, which means that 4-H members are encouraged to be present while judging takes place. All 4-H members and

their projects must be in the judging room by the time specified. **No one may enter after the designated time period has passed. All parents must wait in the lobby during judging of the projects.** If a 4-H'er has so many projects that he or she will not have time to see that all are entered and judged then Junior Leaders and other volunteers will be available to help check-in projects. However, the 4-H'er to whom those projects belong will be the only person able to talk with the judge for those projects. During the judging of Division Champions, Grand Champions, Reserve Grand Champions, and State Fair exhibits, only the judges and committee helpers are allowed in the judging building.

MINI 4-H GUIDELINES

Mini 4-H Non-Competitive Policy

Mini 4-H is a program designed to encourage positive development of children, Kindergarten through second grade. The goal of Mini 4-H is to help young children explore friendships outside the family; explore the way in which things work; and think about the ways people work together on projects.

The NON-COMPETITIVE learning environment for Mini 4-H includes:

- Planned learning activities in which children are invited to be active and explore materials and ideas without the pressure of completing a specific product or exhibit.
- Low adult/leader to child ratio that allows time for adults/leaders to provide individual, positive encouragement and assistance.
- Simple, interesting activities that are fun.
- Encouragement of children to participate in a group activity by sharing and or displaying their activity projects.
- Rewards that are identical and/or ribbons of the same color for everyone.

NOTE: Purdue University and the Indiana 4-H Youth Development Program do not support, endorse, or encourage 4-H programming for children prior to Kindergarten. 4-H Youth Development Extension staff members and 4-H Volunteers may not offer, or encourage others to offer, programming for children prior to Kindergarten.

Mini 4-H Members' Safety Policy

The safety and wellbeing of our 4-H youth is of the utmost importance. Parents are encouraged to take into consideration their child's physical

and mental development before agreeing to let the child begin to show, work with, or care for animals. Each child matures at a different rate, and children in grades K-2 may still be too young to begin showing, working with, or caring for animals. The State 4-H Youth Department at Purdue University has agreed to allow Mini 4-H members in grades K-2 to participate in some animal projects subject to certain conditions. These conditions are specified below.

Mini 4-H members, in grades K-2, will be allowed to show, work with, or care for animal projects given that their parent or legal guardian has signed a liability release during the enrollment process. Mini 4-H members may independently show, work with, or care for animals that weigh 300 pounds or less. Mini 4-H members may only show, work with, or care for animals over 300 pounds when they are assisted by a parent, legal guardian, or another adult designated in writing by a parent or legal guardian. *(The word assisted means that the adult has control of the animal at all times.)*

Mini 4-H members exhibiting horses must wear ASTM or SEI standard F1163 (or above) certified helmets whenever mounted. The parents or guardian are responsible to see that this specified headgear is properly fitted with the approved harness in place and fastened whenever a rider is mounted.

If the guidelines stated in this policy are not followed for a particular event or activity, then such event or activity shall not be considered to be a 4-H event or activity and shall not be under the auspices of Extension 4-H Educators or covered by Purdue University.

MINI 4-H PROJECTS

All posters should be on 8 ½" X 11" paper, covered in clear plastic (sheet protectors work well), with a sturdy backing.

ANIMAL PROJECTS

Mini 4-H members are able to participate in the following animal shows at the County 4-H Fair: Cat, Dog, Goat, Horse and Pony, Poultry, Rabbit, Sheep, and Small Animal (must be enrolled in the Pet Parade project). Some general guidelines for those who would like to show are:

- The animal will not be kept at the fairgrounds during the week of the fair. It can only come for the show.

- Mini 4-H will be the first class of each of the shows.
- Mini 4-H members are encouraged to share animals with regular 4-H members, but if they choose to bring their own to the fair, the animal must meet all of the same health & ID requirements as the animals belonging to regular 4-H members. This includes vaccination forms (Dog, Cat and Horse) and participating in ID Day (Goats, Sheep, Poultry, and Rabbit).
- Please refer to specific animal sections for details on exhibition requirements.

ARTS AND CRAFTS

Kindergarten & First Grade: Project examples include:

- Plaster of Paris Hand Print - *Directions available in Extension Office
- Mosaic - *Directions available in Extension Office
- Beaded Necklace
- Crayon Drawing - Exhibit your 8 ½" X 11" drawing using stiff cardboard backing, also 8 ½" X 11", covered with clear plastic taped on, or a sheet protector.
- Tie Dye – any simple item using one color
*You may choose to use your own pattern

Second grade: Project examples include:

- Water Color Painting - Exhibit your 8 ½" X 11" painting using a stiff cardboard backing also 8 ½" X 11", covered with clear plastic, taped on, or a sheet protector. Use at least 3 different colors on your painting.
- Woodworking - Exhibit a birdhouse. You may choose any pattern or kit you want.
- Pencil Drawing - Exhibit your 8 ½" X 11" drawing using stiff cardboard backing also 8 ½" X 11" covered with clear plastic, taped on, or use a sheet protector. Use colored or lead pencils.
- Rock Paper Weight - Directions available in Extension Office
- Mosaic – Directions available in Extension Office
- Tie Dye – any simple item using 2 colors

BICYCLE

All Grades: Make a poster or notebook.

- Draw a picture of you doing an activity with a bicycle

- Write a story about riding a bicycle, where you go, and what you do
- or one of the activities in the manual available at the Extension Office to base your exhibit on. Poster should be 8 ½" X 11" covered with clear plastic.

CAKE DECORATING

All Grades: Exhibit three decorated cupcakes. Bring your cupcakes in a small box covered with clear plastic. Cupcakes should be secured to the bottom of the box.

COLLECTIONS

Kindergarten & First Grade: Exhibit a display of at least 8 items in a small box and cover it with clear plastic.

Second Grade: Exhibit your display in any kind of container (*i.e. album, notebook, shoe box, and/or egg carton*). Exhibit at least 10 of the same items.

DINOSAURS

Kindergarten & First Grade: Project examples include:

- Make a notebook of four different dinosaurs. Find four pictures and answer these questions for each one: name of dinosaur, size, and weight of dinosaur, type of dinosaur, OR
- Make a model of your favorite dinosaur. You can use any model material of your choice.

Second Grade: Project examples include:

- Make an 8 ½" X 11" poster that shows how big dinosaurs were.
- Draw pictures of yourself, your house, your school, etc. and your favorite dinosaur.
- Answer these questions about each item: Name of item, size of item
- OR make a dino-time dinorama. Find a large shoe box. Paint the inside of the box to look like the earth when dinosaurs were alive. Put soil in the bottom of the box. Put enough in to make hills and swamps. You can use poster board painted blue for water. Collect rocks for your dinorama. Collect small twigs, leaves and other plants. Make models of dinosaurs or use toy dinosaurs and put them in your box. You can use poster board to add stiffness. Clay works too!

FARM ANIMALS

Kindergarten & First grade: Write a story about your favorite farm animal OR make an 8 ½" X 11" poster showing the different kinds of farm animals OR make a model of your favorite farm animal. If you want, add it to a farm scene made in a small box. Cover the poster with clear plastic.

Second Grade: Make an 8 ½" X 11" poster showing different things farm animals make for us OR exhibit a "My Favorite Farm Animal" poster. Poster should be 8 ½" X 11" OR create a critter to exhibit. The poster should be covered in clear plastic. Create a critter with a special purpose of its own, such as room cleaning or game-playing. Be creative. The animal can have make-believe parts as well as real animal parts from different animals. Tell about the critter.

FOODS

Kindergarten & First grade: Exhibit 6 no-bake cookies. Bring cookies on a small disposable plate with clear plastic wrap.

Second grade: Exhibit a loaf of quick bread (*from scratch or mix*) on a small disposable plate with clear plastic wrap.

MODEL BUILDING

Kindergarten & First Grade: Exhibit a snap-together truck, boat, or car model you assembled.

Second Grade: Exhibit a snap together airplane, tank, motorcycle, or car you have assembled.

MY FAMILY TREE

Kindergarten & First Grade: Make an 8 1/2" x 11" poster showing your family tree. Show yourself, parents, and grandparents. Be sure to include birthdates and place of birth. Cover poster with clear plastic.

Second Grade: Make an 8 1/2" x 11" poster showing your family tree. Show yourself, your siblings, parents, grandparents, and great grandparents. Be sure to include birthdates and place of birth. Cover poster with clear plastic.

PET PARADE

Kindergarten & First Grade: Make a poster or notebook with pictures.

Include information from the chart on page 4 of the manual on the poster. Posters should be 8 ½" X 11". Cover the poster with clear plastic.

Second grade: Make a poster or notebook with pictures. Include information on the chart on page 4 and information from page 5 of the manual. Posters should be 8 ½" X 11". Cover the poster with clear plastic.

PLANTS/FLOWERS/GARDENING

Kindergarten & First grade: Exhibit three cut flowers in a vase. The flowers can be the same kind or different kinds. Attach a small label that tells what kind of flower(s) OR you may exhibit three examples of one vegetable that you have grown in your garden. Bring the vegetable on a paper plate.

Second Grade: Exhibit a flower you have cared for in a small flowerpot OR you may exhibit three examples of one vegetable that you have grown in your garden. Bring the vegetable on a paper plate. It's your responsibility to see that your plant has enough water during the fair.

SEWING

Kindergarten & First Grade: Exhibit a hand stitched or machine stitched hand puppet or tote bag you have made.

Second grade: Exhibit a machine stitched terry laundry bag or two pot holders that you have made.

SUN, STARS, AND SPACE

Kindergarten & First Grade: Make a poster or diorama in a shoebox about one or two different planets, the sun or stars. Label the planets and tell something about them. You can find information from books, the internet, etc. All posters should be 8½" X 11" and covered with clear plastic.

Second grade: Exhibit a solar system mobile. You may use any material that you want. Make sure that you label each planet OR make a poster about Planet X (*your own creation*). Be creative. If you were going to visit this planet what would you find? All posters should be 8½" X 11" and covered with clear plastic.

WHALES AND DOLPHINS

Kindergarten & First Grade: Find four pictures of whales and/or dolphins. Answer these questions for each picture: name of whale/dolphin; size of

whale/dolphin; weight of whale/dolphin. Put the information in a notebook OR make a model of your favorite whale or dolphin. You can use model materials of your choice.

Second grade: Make a poster that shows how big whales are. Draw pictures of things like yourself, your house etc., then draw a picture of a whale. Answer these questions about each thing: name of thing, size of thing OR make a whalarama. Find a large shoe box. Paint the inside of the box to look like an ocean. Make or find models of whales, dolphins, ocean mountains, valleys and put them in your box. Cover the poster with clear plastic.

WILDLIFE/FORESTRY

Kindergarten & First Grade: Draw and label the parts of a tree. On a piece of paper, draw and color a tree. Make sure you draw all parts of the tree. You may want to include birds or animals in the picture AND/OR capture three different insects placing one in each of three plastic jars with lids - *No living insects*. Tape a slip of paper to the side of the jar with the following information: common name of insect, date, where the insect was captured, and your name.

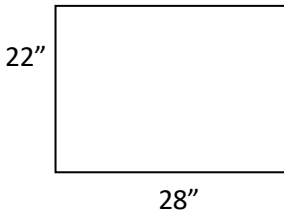
Second Grade: Exhibit three leaves in a paper notebook with the following information: common name of tree, date, where the leaves were found, and your name. AND/OR exhibit one bird feeder.

PROJECT RULES & GUIDELINES

***All final declarations of exhibits at the county fair must be made in FairEntry (<http://orangecounty4h.fairentry.com>) by publicized date.**

*All 4-H non-animal project record sheets are due at your respective project check-in. All animal record sheets are due when you check your respective animal in at the fair, and these must be turned in to the animal committee chairman. **All stall deposits and vaccination forms will be due in the Extension Office by 4:00pm on June 1st.**

General 4-H Poster Guidelines



All posters should have name and project information on a label in the lower right hand corner. This label will be provided during project check-in. Poster Exhibit Guidelines and Suggestions: Posters are displayed horizontally; 22"x28", and mounted on a firm backing and covered in clear plastic. Firm foam backing and plastic sleeves are sold in the Extension Office.

Things You Should NEVER Do:

- Make a vertical poster
- Use Saran Wrap to cover your poster
- Use staples or tacks
- Create a poster that is all words or all pictures

Steps to Follow When Making a Poster

- Read your county project requirements
- Decide on information to put on the poster. It is recommended that poster information be typed for posters.
- Glue information and pictures down. The best mounting adhesive is rubber cement or double-stick tape. White glue should only be used in cases where wrinkling or damage will not occur. (NOTE: rubber cement

may discolor photos)

- If you did not use a foam board, glue poster to stiff backing.
- Cover poster with clear plastic covering.
- Take your poster to the fair at the right day and time.
- At check-in attach exhibit label; affix to lower right hand corner of poster sleeve.

Display Boards Guidelines

If a display is chosen, the display space should follow these specifications:

- Be self-supporting so that it will stand on a table:
- An educational display must not be any larger than 36"x36"x36", and
- May be of any material, such as pegboard, fabric, poster board or felt

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should include website links, people and professionals interviewed, books, magazines, etc. This list should be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

AEROSPACE

The 4-H aerospace program provides youth with educational information about aerospace that develops project skills (i.e., principles of flight, model rocket construction, model rocket safety) and life skills (i.e., decision-making, using science and technology, developing communication skills).

Each county would be permitted to send one rocket, remote control aircraft, or drone and one poster/display board in each grade category (3-5, 6-8, and 9-12). Thus each county could send a maximum of six exhibits to the state fair, 3 rockets, remote control aircrafts, or drones and 3 poster/display boards. No "Ready to Fly" or E2X rockets are acceptable in the 4-H Aerospace project.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.

Requirements

A project record sheet must be completed and submitted for project completion.

Level: (Grades 3-5)

Project Completion Recommendations

- Exhibit a project or poster at county fair

State Exhibit Requirements

- Rocket of your choice, Estes Skills Level 1, 2, or comparable difficulty or a poster, display board on any topic in the manual available in Extension Office (i.e., construct a paper airplane with a poster board explaining why you designed it the way you did). Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.
- Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Level: (Grades 6-8)

Project Completion Recommendations

- Exhibit a project or poster at county fair

State Exhibit Requirements

- Rocket or other aerodynamic object of your choice, Estes Skills Level 2, 3, or comparable difficulty or poster, display board on any topic in the manual (i.e., glider plane (page 18) available in Extension Office. Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.
- Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Level: (Grades 9-12)

Project Completion Recommendations

- Exhibit a project or poster at county fair

State Exhibit Requirements

- Rocket of your choice, Estes Skills Level 3 or above, a Box kite or other aerodynamic object of your choice which illustrates principles of flight or poster, display board on any topic in the manual (i.e., box kite (page 20) with poster explanation) available in Extension Office. Rockets that take an engine G or above are not permitted.
- Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

AEROSPACE: EXHIBIT MAY ADVANCE TO STATE FAIR

ARTS & CRAFTS GENERAL RULES

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. All Arts & Crafts record sheets (Fine Arts, Needle Craft, Model Craft, and Any Other Craft) must be accompanied by a completed “4-H Craft Information Card” 4-H618W, giving a full description of the work completed on the project.

If multiple pieces make up an exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed.

For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

Level: All Levels

NOTE: It is intended that you build on the skills you have learned in your prior year if completing a project you’ve done in previous years.

Fine Arts - Oil, charcoal, pastels, pencil, ink, acrylic or watercolor--on canvas, canvas board, or paper - framed as a picture - prepared for hanging. Canvas art on a wooden frame is considered prepared for

hanging provided that frame has a hanger.

Needle Craft - (Hand work) Knitting, embroidery, crocheting, needlepoint, crewel, candlewicking, chicken scratching, hand quilting, tatting, huck embroidery, hemstitching; also pulled, drawn and counted thread work and punch needle work. Does not include latch hook, plastic canvas, machine knitting, machine quilting, or arm knitting/crocheting. If the article is to be hung, it must come prepared for hanging.

Models - Exhibits must be a small-scale replica and meet the following criteria:

- Must be of injected styrene plastics
- At least 25% of the exhibit must be painted
- Wood, paper, clay, die-cast, or snap together models are NOT permitted
- Screws are NOT permitted
- Pre-painted or pre-decaled factory models are NOT permitted
- If the model is being built from a kit, include a copy of the instructions with the craft information card.
- **Legos are not considered models and are to be exhibited as Any Other Craft**

Any Other Craft – May not include any crafts included in the three classes listed above.

ARTS & CRAFTS: EXHIBITS MAY ADVANCE TO STATE FAIR

BEEKEEPING



This project will help you learn about bees and beekeeping. You will learn about the types of bees, the honey and wax they produce, the plants that attract bees, and the equipment a beekeeper needs. If you want to set up your own hive, you will learn basic beehive care and how to extract and bottle honey. Advanced topics include: increasing the number of your honey bee colonies, increasing honey production, producing special kinds of honey, and learning more about bee societies.

In order for your exhibit to be judged, you must turn in your project record sheet at the time of judging.

Create an exhibit that shows the public what you learned in the beekeeping project this year. Posters are to be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Notes:

- There are no age specifications for beekeeping exhibits.
- No bee hives may be brought to the State Fair.
- Honey water content will be measured.
- Fill level: the honey should be filled to the jar shoulder, not over, nor under
- Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs).
- Be careful to distinguish "chunk honey"(comb in jar) from "cut comb" (comb only in box).
- Honey (including chunk, cut comb and comb) must be collected since the previous county fair.

Exhibit Requirements:

Level: Division 1: (may do 1 to 2 years) 4-H 571, One State Fair entry per county Exhibit

Present one of the following topics on a poster, as specified above.

1. Flowers Used to Make Honey - display pressed flowers from 10 different Indiana plants that bees use for making honey.
2. Uses of Honey and Beeswax
3. Setting up a Bee Hive
4. Safe Handling of Bees
5. Any other Beekeeping related topic.

Level: Division 2: (may do 1 to 2 years) 4-H 586. There is no limit on the number of exhibits a county may enter in Division 2, but only one exhibit per 4-H member is allowed at the State Fair.

Exhibit one of the following:

1. Extracted honey - 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. Chunk honey (comb in jar)- 2 one-pound jars (wide-mouth glass or clear plastic).
3. Cut-comb honey - 2 one- pound boxes (These are usually 4 1/2" x 4 1/2" in size)
4. Working with Honey Bees - Present a topic from your manual to teach fair goers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook. Posters must follow the guidelines listed above.

Level: Division 3 and Above: (may do multiple years) 4-H 593. There is no limit to the number of exhibits a county may enter in Division 3 and above, but only one exhibit per member is allowed at the State Fair.

Exhibit two of the four kinds of honey listed below (#1-4) or prepare an educational display about honey bees or beekeeping (#5).

1. Extracted Honey - 2 one-pound jars (glass or clear plastic).
2. Chunk Honey (comb in jar) - 2 one-pound jars (wide-mouth - glass or clear plastic).
3. Cut-comb Honey - 2 one-pound boxes. Boxes are usually 4 1/2" x 4 1/2"
4. Comb Honey - 2 sections (honey built by bees in frames of wood

commonly called "sections." Boxes are usually 4 1/2" x 4 1/2" in size)

5. Prepare an educational display about honey bees or beekeeping.

Level: Independent Study: Grades 9 - 12, one State Fair entry

- Advanced topic - Learn all you can about a beekeeping topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Beekeeping - Independent Study."
- Mentoring - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Beekeeping - Mentor."

BEEKEEPING: EXHIBIT MAY ADVANCE TO STATE FAIR

BICYCLE



In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Exhibit Requirements:

Beginners: (Grades 3-5) Prepare an educational exhibit (may be a poster) focusing on some aspect of bicycle safety or basic bicycle road rules. Your exhibit **CANNOT** be on the same topic as previous years.

Juniors: (Grades 6-8) Prepare an educational exhibit (may be a poster) focusing on some aspect of bicycle, maintenance or bicycle on-the-road skills. Your exhibit **CANNOT** be the same topic as previous years.

Seniors: (Grades 9-12) Prepare a one-page report and educational display (may be a poster). Your display and report will be judged according to your age and grade. You must cite at least two references in your report.

Your exhibit **CANNOT** be on the same topic as previous years.

BICYCLE: NO STATE FAIR PROJECT ENTRY

CAKE DECORATING

In order for your exhibit to be judged, you must turn in your project record sheet and a Cake Decorating Skills sheet at the time of judging. *Specific techniques are required for each division.*

Exhibit Introduction

The cake decorating subject provides skills-based educational experiences that provide an opportunity for mastery before building on that experience to develop more advanced skills. This subject area is divided into three levels: Beginner (Grades 3-5), Intermediate (Grades 6-8), and Advanced (Grades 9-12). While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an appropriate level the following year.

Skills and techniques demonstrated should be age/grade appropriate. While it is not to say a beginner level member cannot master an advanced level skill, it would be rare and unique. Therefore, exhibited cakes must demonstrate the minimum five techniques from their given level outlined in Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A, but may also include higher/lower level techniques that have been mastered. Any higher/lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. All exhibited cakes must be created using a Styrofoam, foam, or other solid dummy. Unless otherwise stated, cakes are to be iced using royal icing or buttercream. Buttercream icing will not withstand environmental conditions and may become soft, melt, not withhold its shape, and colors may bleed when being displayed an extended period of time. When displaying a cut-up cake or tiered cake, the exhibitor must include a diagram and description indicating how the cake was assembled. This diagram and description can be attached to or written on the skills sheet. All exhibits must include a completed Cake Decorating Skills Sheet (4-H 710) and must accompany

the cake for the judge's reference during judging.

Visit www.wilton.com for helpful tips.

Beginner Level (Grades 3-5)

Cakes must be on a cake board approximately 3/8" thick and 3" larger than the cake. For example, if the cake is 8" in diameter, then the cake board must be 11" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the beginner level are to be a single tier/layer, no more than 5" tall, and may be round, square, or rectangular and the cake board is to be no more 12"x12". A minimum of five beginner level skills are to be demonstrated. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Intermediate Level (Grads 6-8)

Cakes must be on a cake board approximately 3/8" thick and 3" larger than the cake. For example, if the cake is 9"x13" rectangular, then the cake board must be 12"x16" rectangular. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the intermediate level are to be a single or double tier/layer, no more than 12" tall and may be any shape. Youth may choose to decorate an inverted (upside down) character pan or create a 3-dimensional cake. It is also permissible to cut-up pieces of Styrofoam, foam, or other solid material to create a new shape, like a butterfly or castle for example. The cake board is to be no more than 24"x24". A minimum of five intermediate level skills are to be demonstrated and the cake may include additional skills from the beginner level. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Advanced Level (Grades 9-12)

Cakes must be on a cake board approximately 1/2" thick and 4" larger than the base cake. For example, if the cake is 26" in diameter, then the cake board must be 30" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the advanced level may be multiple layer and/or tiered and may include multiple cakes, like a wedding cake. Youth may choose to create a

character or 3-dimensional cake by cutting-up pieces of Styrofoam, foam, or other solid material to create a new shape. Dowel rods, plates, etc. should be used to support multiple layers and tiers. Fondant icing, gum, and sugar paste is permissible. Cakes may be any shape, no more than 36" tall and the cake board is to be no more than 36"x36". A minimum of five advanced level skills are to be demonstrated and the cake may include additional skills from the beginner and intermediate levels. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

CAKE DECORATING: EXHIBIT MAY ADVANCE TO STATE FAIR

CHILD DEVELOPMENT

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A Manual is required for this project as it is State Fair eligible. Manuals are available upon request from the Extension Office.**

Exhibit Option Details:

Poster:

- 22"x28" poster board displayed horizontally
- Stiff backing with clear plastic covering
- Identification label in lower right corner of poster given to 4-H'er during project check-in.

Binder Notebook:

- Identification label on front of binder giving name of 4-H'er, club, grade, and year in project.
- Title page inside binder naming activity (or activities in Level C&D)
- Page of activity and explanation to follow title page
- Photographs are helpful to show the activity being used or assembled
- Optional: Plastic sheet protectors, page decorations, binder cover decoration, etc.

Display:

- May be table top or floor style, not to exceed 36"x36"x36" (Display may include items(s) made in the activities you completed this year.)

- Must be self-supporting to be viewed by the public

Level A (Grades 3-4): 4-H members should complete at least two activities, each from a different chapter. Within the two-year period for each level, they should have completed at least four activities, with each activity being from a different chapter.

Exhibit: Choose one of the following to exhibit:

- Choose one activity that you completed in this level. Design a 22"x28" poster or a binder notebook that shows or tells what you did with this activity.
- Create a display no larger than 36"x36"x36" using one of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. Use a 5x8 index card or larger cardstock to create a card.

Action Demonstration: You may present an action demonstration for your project completion requirement.

Level B (Grades 5-6): 4-H members should complete at least two activities, each from a different chapter. Within the two-year period for each level, they should have completed at least four activities, with each activity being from a different chapter.

Exhibit: Choose one of the following to exhibit:

- Choose one activity that you completed in this level. Design a 22"x28" poster or a binder notebook that shows or tells what you did with this activity.
- Create a display no larger than 36"x36"x36" using one of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. Use a 5x8 index card or larger cardstock to create a card.

Level C (Grades 7-9): 4-H members should complete at least two activities each year, each from a different chapter. Within the three-year period for each level, they should have completed at least six activities, and at least one activity from each of the five chapters.

Exhibit: Choose one of the following to exhibit:

- Design a 22x 28 inch poster based on one of the activities you completed in your manual or one that promotes physical, emotional or cognitive skills.

- Display a binder notebook that includes the information from one of the activities you completed this year,
- Create a display no larger than 36"x36"x36" using one of the activities from your project manual or one that promotes physical, emotional or cognitive skills. Complete an Activity Card and attach it to the exhibit. Use a 5x8 index card or larger cardstock to create your card.

Level D (Grades 10-12): 4-H members should complete at least two activities each year, each from a different chapter. Within the three-year period for each level, they should have completed at least six activities, and at least one activity from each of the five chapters.

Exhibit: Choose one of the following to exhibit:

- Design a 22"x28" poster based on one activity you completed in your manual or one that promotes physical, emotional, or cognitive skills.
- Display a binder notebook that includes the information based on one of the activities you completed this year.
- Create a display no larger than 36"x36"x36" using one of the activities from your project manual or one that promotes physical, emotional, or cognitive skills. Complete an Activity Card and attach it to the exhibit. Use a 5x8 index card or larger cardstock to create your card.

CHILD DEVELOPMENT: EXHIBIT MAY ADVANCE TO STATE FAIR

COLLECTIONS

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

The collections will be exhibited in three divisions: Beginners (Grades 3-5), Junior (Grades 6-8), and Senior (Grades 9-12). All divisions will start or add to a collection you have.

- Choose a suitable collection for your age and division.
- Complete a record sheet and display it with a representative sample of your collection. This collection should consist of one of the following:

- A neat, attractive notebook, scrapbook or album
- A 22"x28" poster with stiff backing of cardboard or similar material.
- An entomology box, glass covered, (available in Extension Office).
- A self-contained table display with base & back, & covered with plastic, glass or similar material (similar to Special Occasions Food Display).

The following points should be considered when preparing your exhibit:

- Enjoyment derived from your collection (from your story, etc.)
- Value (historical, scientific, etc.)
- Artistic arrangement of the exhibit
- Labeling: label items so that the viewer can understand your collection. (Examples: Lamp from Aunt Rose, September 1996;)

COLLECTIONS: NO STATE FAIR ENTRY

COMMUNICATION AND EXPRESSIVE ARTS

Exhibit Class Guidelines:

Verbal Communication Events The following verbal communication events and activities are offered to 4-H members as a way to teach presentation and public speaking skill development. They are often used in 4-H meetings, and a county 4-H youth development program may choose to offer these as competitive events. The demonstration, informative presentation, professional persuasive presentation and public speaking are competitive events at Indiana State Fair.

Demonstration

- All 4-H members are encouraged to present a demonstration at their club or county level.
- This contest allows the 4-H member to show the audience step-by-step procedures how-to-do something related to any 4-H project.

- Examples of a demonstration include how to take a prize winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.
- Junior members (grades 3-8) have 5-7 minutes to present their demonstration, while senior members (grades 9-12) will present their demonstration in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.

Informative 4-H Presentation

- This contest allows the 4-H member to present a topic of their choice related to a 4-H event, project, or activity to the audience.
- Examples of an informative 4-H presentation include the benefits of attending 4-H Round-Up, State 4-H Junior Leader Conference, 4-H Academy, or Citizenship Washington Focus; the impact of a community service project on the 4-H members involved and their community; why a family should enroll their children in 4-H; how 4-H prepares a young person for the workforce or college, etc.
- Junior members (grades 3-8) have 5-7 minutes to present their informative presentation, while senior members (grades 9-12) will present their informative presentation in 5-10 minutes.
- Categories will be Junior Individual and Senior Individual.

Professional Persuasive Presentation

- Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.
- Contestants are to submit two (2) sets of accompanying handouts at registration. These handouts will be provided to the judges.
- It is suggested that youth practice by presenting their professional

presentation to service clubs, 4-H council or fair board, government officials, or other boards.

- Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.
- Junior members (grades 3-8) will present in 5-7 minutes and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team and Senior Team.

Public Speaking

- This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting.
- Props, signs, and PowerPoint presentations are not permitted.
- The topic can be of the 4-H member's choice.
- Junior members (grades 3-8) have 3-5 minutes to give their speech while senior members (grades 9-12) will give their speech in 5-7 minutes.

Creative Writing

- This exhibit allows youth to express creativity while developing writing skills. Examples include a story, autobiography, biography, essay, journal entry, poetry, children's story, and more. Writing must be authored by the 4-H member and can be fiction or non-fiction.
- Exhibits are to be displayed in a notebook or binder appropriately labeled on the front with the title, 4-H member's name, grade in school, club and county. The notebook or binder is to include a title page and authored work. A bibliography giving credit to sources is to be included with any research article.
- Work can be handwritten or typewritten.
- Illustrations or photos may be included to enhance the writing.
- Writing should not include excessive blood, gore, violence or

sexual themes and must be appropriate for all ages to read.

Creative Writing Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

- Create and exhibit one age/grade appropriate item. While length or word count is not required, one-page or 250 words is appropriate for most beginners.

Intermediate (grades 6-8 suggested)

- Create and exhibit one age/grade appropriate item. While length or word count is not required, two-page or 500 words is appropriate for most intermediate members.

Advanced (grades 9-12 suggested)

- Create and exhibit one age/grade appropriate item. While length or word count is not required, more than three pages or more than 750 words is appropriate for most advanced members.

COMMUNICATION AND EXPRESSIVE ARTS: MAY ADVANCE TO STATE FAIR

COMPUTER

The 4-H Computer project is designed for youth to engage in an interactive project to learn all levels of familiarity with computers. Learn life skills while gaining hands-on computer specific knowledge. First youth are introduced to how they work, features, and programs. Then they advance to exploring connections and repairs, creating and managing networks, and lastly being capable of teaching others about technology.

Requirements

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

There are three exhibit grade level divisions; Grades 3-5, Beginner; Grades 6-8, Intermediate; and Grades 9-12, Advanced. Exhibits are to be skill appropriate for the member's grade level.

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, screenshots showing the development and final project, etc. as the exhibitor will not be able to discuss their work with a judge. Poster exhibits 22"x28" or freestanding 3-dimensional display boards no larger than 36"x36" may be submitted. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic. Subject categories are:

- Block Based Programming
- Text Based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design and Computer Art

Software submitted to be reviewed by a judge must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.

All notebooks/portfolios must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be the last page of a notebook or

included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

A county may submit a total of three state fair entries, one entry per grade level division.

Block Based Programming:

Beginner – Grades 3-5 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- Sequence
- Iteration
- Conditionals
- Variables
- Loops
- User input
- Any other similar skill

Intermediate Grades 6-8 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of beginner skills
- Modularization
- Lists
- Any other similar skill

Advanced Grades 9-12 – Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of Intermediate Skills
- Parameters

- Recursion
- Any other similar skill

Text Based Programming

Beginner Grades 3-5 – This option is not available.

Intermediate Grades 6-8 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least 4 of these skills:

- Commenting
- Correct syntax
- Variables
- Loops
- Conditionals
- User Input
- Lists
- Functions
- Algorithms
- Any other similar skill

Advanced Grades 9-12 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least 8 of these skills:

- A more robust understanding of the intermediate skills
- Interact with databases
- Classes
- Objects
- Methods
- Inheritance
- Integrate multiple languages into one program
- Any other similar skill

Web Design and Computer Entrepreneurship

Beginner Web Design and Computer Entrepreneurship – Grades 3-5 - Build a website demonstrating a knowledge of:

- Use a website builder to create your website
- Insert non-stock image into your site
- Use a template to achieve a unified look
- Explain CSS in your documentation, what CSS is and why it's important
- Must have at least two pages and include all items listed above

Intermediate Web Design and Computer Entrepreneurship – Grades 6-8 - Build a website demonstrating a knowledge of:

- Create your own site or use a website builder
- Modify existing HTML
- Use HTML5
- Modify existing CSS
- Have a unified theme throughout
- Use a photo editing software to create custom images
- Must have at least five pages and include all items listed above

Advanced Web Design and Computer Entrepreneurship – Grades 9-12 - Build a website demonstrating a knowledge of:

- Create a custom site using appropriate industry tools
- Have a responsive website
- Add useful and appropriate plugins
- Test for and eliminate bugs
- Include links for social media
- Include custom audio/video
- Must have at least ten pages and include all items listed above

Computer Forensics (id theft, online bullying, ethical use of technology, responsible social media use)

Beginner Computer Forensics – Grades 3-5 – Research and create a 3-5 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Media Balance and Well Being
- Privacy and Security
- Digital Footprint and Identity
- Relationships and Communication
- Cyberbullying, Digital Drama and Hate Speech
- News and Media Literacy
- Any other similar topic

Intermediate Computer Forensics – Grades 6-8 – Research and create a 6-8 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Digital Citizenship:
 - Media Balance and Well Being
 - Privacy and Security
 - Digital Footprint and Identity
 - Relationships and Communication
 - Cyberbullying, Digital Drama and Hate Speech
 - News and Media Literacy
- Cyber Security
 - Ethics and Society
 - Security Principles
 - Classic Cryptography
 - Malicious Software
 - Physical Security
 - Web Security

- Any other similar topic

Advanced Computer Forensics – Grades 9-12 – Research and create a 10-12 minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- Digital Citizenship:
 - Media Balance and Well Being
 - Privacy and Security
 - Digital Footprint and Identity
 - Relationships and Communication
 - Cyberbullying, Digital Drama and Hate Speech
 - News and Media Literacy
- Cyber Security
 - Ethics and Society
 - Security Principles
 - Classic Cryptography
 - Malicious Software
 - Physical Security
 - Web Security
- Any other similar topic

Hardware and Networking Design/Install/Repair

Beginner – Grades 3-5 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Deconstruct and reconstruct a computer
- Learn and report how binary works and how computers use numbers
- Troubleshoot hardware problems
- Explore operating systems
- Investigate open source resources
- Install/upgrade operating systems
- Design a dream machine (give reasons)

- Any other similar design/install/repair

Intermediate – Grades 6-8 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Identify network hardware
- Design a computer network
- Explain Internet Protocol
- Explain different types of servers
- Use different protocols to communicate
- Add peripherals to a network
- Secure a networked computer
- Share applications simultaneously
- Setup a Raspberry Pi or other micro-controller
- Any other similar design/install/repair

Advanced – Grades 9-12 - Choose one or two items from the list ad create a report/presentation (including images) of what you did.

- Design and implement a computer network
- Secure your network
- Understand technology needs in your community.
- Help to solve these needs by organizing a committee or team to work on identified issues.
- Teach a computer science class to younger 4-Hers.
- Build your dream computer
- Network multiple micro-controllers
- Research careers in technology
- Any other similar design/install/repair

Graphic Design and Computer Art

There are three divisions; Beginner (Grades 3-5), Intermediate (Grades 6-8) and Advanced (Grades 9-12). Youth are to use a software program to create or design an item that requires graphic design or artistry. The name of the software and version is to be included with the exhibit. Exhibits are

to be age/grade appropriate. Ideas include, but are not limited to, the following:

- Logo design
- T-shirt or apparel screen printing design
- Promotional brochure
- Marketing materials
- Computer generated art
- Computer altered photographs/images – Photographs taken by the 4-H member and altered by the 4-H member using a computer are to be entered in the Photography project as a creative/experimental exhibit. Youth must obtain permission from the owner before altering someone else’s photograph/image and include a copy of that permission with the exhibit to insure there is no copyright violation.

Robotics

Suggested exhibits include, but are not limited to, a notebook including a printout of code with requirements marked, a flowchart showing how the robot works, images of the robot being built and the final robot in action, a video, a live demonstration, or other applicable exhibits.

Beginner – Grades 3-5

- Create a flowchart
- Build a robot
 - Use block based program to operate
 - Sequential programs
 - Events at beginning
 - Use at least one basic sensor

Intermediate – Grades 6-8

- Create a flowchart with sub-routines
- Include at least two sensors in robot
- Use at least three events in code

- Create 2 loops in code
- Operation of robot should be smooth

Advanced – Grades 9-12 - Above guidelines plus:

- Use text based language
- Use advanced logic including
 - Multiple (three or more) events
 - Multiple (three or more) loops
 - At least three sub routines
 - Special consideration if robot is not a kit

COMPUTER: EXHIBIT MAY ADVANCE TO STATE FAIR

CONSUMER CLOTHING

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

Exhibit Introduction

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed. **For personal safety concerns, notebooks exhibited should only contain name, county, grade, level and club, and no personally identifiable information such as mailing address or phone number.**

Level: Beginner

Exhibit Requirements

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Help purchase an item of clothing that you'll wear with other clothes in your wardrobe. Examples might be slacks, blouse, jeans, shirt, sweater, or sweatshirt. Choose an accessory to go with your purchase. You might buy shoes, sweatband, belt, jewelry, or socks.

Level: Intermediate

Exhibit Requirements

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Purchase and accessorize a casual or school outfit. You may purchase accessories or select from items you already own.

Level: Advanced

Exhibit Requirements

- Complete one activity from each group in the manual, or similar activity of choice and share your results or answers in a notebook, labeling each activity.
- If completing an activity not included in the manual, be sure to include in your notebook an explanation describing how the activity was developed and intended objectives.
- Purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Special note regarding Indiana State Fair – In addition to the advanced consumer clothing state fair entry submitting their notebook for evaluation, the exhibitor will also be invited to model their purchased outfit in fashion revue. The notebook and modeling will be judged independently and one will not have any consideration for the other at state fair.

CONSUMER CLOTHING: EXHIBIT MAY ADVANCE TO STATE FAIR

CROPS

Corn

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Exhibit Requirements

Beginner (Grades 3-5): Exhibit one healthy stalk of corn you have grown with roots washed clean. Attach a project tag to stalk at primary ear height.

Junior (Grades 6-8): Exhibit one stalk of insect damaged corn you have grown with roots washed clean. Label with 3x5 card at each site of insect (disease) damage. The project tag is to be tied to the stalk at primary height.

Senior (Grades 9-12): Exhibit one stalk of diseased corn you have grown with roots washed clean. Label with 3x5 card listing all disease damage, and nutrient deficiencies. The project tag is to be tied to the stalk at primary ear height.

Hay

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Exhibit: One bale along with a written evaluation report on the project activity.

Classes:

- 1) Grass
- 2) Alfalfa
- 3) Legume

CROPS: NO STATE FAIR ENTRY

DO YOUR OWN THING – LEISURE EDUCATION

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Beginner: Grades 3-5

Junior: Grades 6-8

Senior: Grades 9-12

This exhibit cannot fit into any other category or division of 4-H projects.

The exhibit should be one article which best shows what has been learned and/or accomplished in the project, a poster (see general rules on posters), or a display no larger than 36"X36"X36". If more space is needed contact the Extension Office before the fair. Choose a different exhibit each year. Your exhibit can be an individual or a collaborative group project. This could include something that you have worked on alone, or even a project that you completed alongside non-4-H members (such as a school project, etc.)

DO YOUR OWN THING: NO STATE FAIR ENTRY

ELECTRIC

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **This project requires a manual that is available at the Extension Office.**

Please see the General Poster Guidelines, located at the beginning of the project section in this handbook, before completing any poster

Requirements Electric Level 1 (Grade 3)

Project Completion Recommendations:

Complete the activities as instructed in the manual and fill out the "4-H Club General Record Sheet" (4-H-528) or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended that this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit an exhibit for how references are presented.

Exhibit one article of choice displaying proper wiring techniques, made

during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.

Exhibit Suggestions:

- Circuit board – 6” by 6” of Series/Parallel Circuit
- Electromagnet
- Galvanometer
- Poster board (22” by 28”)
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum *Electricity Excitement* Book 1 or *Investigating Electricity* Book 2, Purdue Extension website Level 1 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Requirements Electric Level 2 (Grade 4)

Project Completion Recommendations:

Complete the activities as instructed in the manual and fill out the “4-H Club General Record Sheet” (4-H-528) or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended that this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit an exhibit for how references are presented.

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.

Exhibit Suggestions:

- Magnetic Powered Shake Flashlight – with display
- Circuit board – 6” by 6” of Series/Parallel Circuit (with modifications if exhibited in Level 1)
- Electromagnet
- Galvanometer
- Electric Motor
- Poster board (22” by 28”)
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum *Electricity Excitement* Book 1 or *Investigating Electricity* Book 2, Purdue Extension website Level 2 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Requirements Electric Level 3 (Grade 5)

Project Completion Recommendations:

Complete the activities as instructed in the manual and fill out the “4-H Club General Record Sheet” (4-H-528) or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended that this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit an exhibit for how references are presented.

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.

Exhibit Suggestions:

- Wiring Project – (ie. extension cord, trouble light, wire sizes and uses, plug configurations, test equipment, etc.)
- Electrical tool and supply kit
- Poster board (22" by 28")
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum *Wired for Power* Book 3, Purdue Extension website Level 3 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Requirements Electric Level 4 (Grade 6) Last modified 9/2020

Project Completion Recommendations:

Complete the activities as instructed in the manual and fill out the "4-H Club General Record Sheet" (4-H-528) or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended that this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit an exhibit for how references are presented.

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project.

Exhibit Suggestions:

- Wiring – Wire a lamp. The lamp can be a re-wired lamp or one that is built new.
- Electrical tool and supply kit
- Poster board (22" by 28")
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H

Electric Curriculum *Wired for Power* Book 3, Purdue Extension website Level 4 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

Requirements Electric Level 5 (Grade 7-12)

Do either an Electric power or Electronics project

Complete the activities as instructed in the manual and fill out the “Advance Electric/Electronics 4-H Club Record Sheet” or as specified by the County Extension Office. All posters, notebooks, displays, and exhibits should include a reference list indicating where information was obtained, giving credit to the original source. This reference list may include website links, people that helped you, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display, be the last page of the notebook, or included as part of the display or exhibit visible to the public. A judge is not to discredit on exhibit for how references are presented. Each county may submit one advanced electric and one advance electronic exhibit to the state fair.

Exhibit one article of choice, displaying proper wiring techniques, made during the current 4-H program year that demonstrates a minimum of five (5) or more of the appropriate level of “Skills to be Attained” items as outlined in the “4-H Electric and Electronic Skills & Knowledge Chart”. A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.

Exhibit Suggestions:

- Equipment Wiring – including but not limited to: parts identification, appliance repair, lamps and other lighting, equipment wiring, control system, security system, topic that covers safety, motors/generators, electric heating, heat pumps, AC, water heaters, and other electric equipment.
- Home Wiring – included by not limited to any circuits found in the wiring of a house or “barn”, service entrance, switching, receptacles, generator transfer circuit, safety, electrical math, and others.
- Electronic Equipment – Any project or kit containing transistors or

integrated circuits or vacuum tubes such as radio, TV, computer, robot, cell phone, and others.

- Poster board (22" by 28")
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum *Entering Electronics*, Purdue Extension website Level 5 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.
- Video Presentation Create a video showing the work accomplished and skills learned. This video should include the same type of information as required in written notebook listed above. This video is to be no more than ten minutes in length and formatted as MP4 and submitted on a thumb drive. This video can also be uploaded to a YouTube account with the video being made public and the link submitted for evaluation.

ELECTRIC: EXHIBIT MAY ADVANCE TO STATE FAIR

ENTOMOLOGY

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

- **Reference one of the following:** "How to Make an Awesome Insect Collection," ID-401, or "How to Study, Collect, Preserve, and Identify Insects" 4-H-764, both of which are available upon request from the Extension Office.
- Title Your Items:
Collection – Should be titled "Insect Collection, Grade X (X=your grade in school)
Poster – Choose one of the topics listed under your division and use that topic for your exhibit title.
- **Orders:** Use the orders listed in the reference material above, which are found on page 57 in ID-401 and the Table of Contents in 4-H-764.
- **Display:** Create an exhibit that shows the public what you learned in the entomology project this year. Collect, mount (pins or vials), and identify insects personally collected in the U.S. only. Display your

best specimens in an 18"x24" box(es), oriented horizontally. When multiple boxes are used, list the box order (i.e. "box 1 of 3 boxes"), and include your name in each box. Cards A-F (grades 3-8) are to be placed inside the display box in an attractive manner. ID-401-I cards (grades 9-12), should be placed in the lower right hand corner of box #1.

- **Identification:** Display boxes are expected to include the specified number of insects, families, and orders specified (see chart). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
 - **Pin Labels:** Each pin or vial must contain two labels – (1) Top label is to include collection date, location, and collector name, (2) Bottom label is to include common name and other optional identification data.
 - **Box Labels:** Box labels (neatly printed or computer generated) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and box label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID-401. If family level identification is required, the insects should be further grouped together under the correct family label. If your insects are identified by order and family, first put all insects of the same order together, then group those in the same family, and then group insects with the same common name.
 - **Educational Box:** One additional box (educational), based on the specific theme (see chart below), is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).

Insect Collection Option

All ID cards are to be placed inside the display box in an attractive manner.

Beginner (1st-3rd Year in Entomology):

Year 1- exactly 10 insects labeled and pinned on cards- max # of insect boxes-1. Include card ID 401A.

Year 2-exactly 20 pinned and labeled insects - max number of insect boxes-1. Identify all insects by common name and identify 5 to order. Include card ID 401B.

Year 3-exactly 30 pinned and labeled insects- max # of insectboxes-1. Identify all insects by common name and identify 15 to order. Include card ID 401C.

Intermediate (4th-6th Year in Entomology):

Year 4- exactly 40 pinned insects, list common name, order, and collection information. Group insects by order and exhibit a minimum of 6 orders. Max. number of insect boxes-2. Identify all insects by common name and order. Include ID 401D.

Year 5- exactly 50 pinned insects, list common name, order and collection information. Group insects by order and exhibit a minimum of 8 orders. Max. number of insect boxes-2. Identify all insects by common name and order. Identify 10 to family. Include ID 401E.

Year 6- exactly 60 pinned insects, list common name, order and collection information. Group insects by order and exhibit a minimum of 10 orders. Max. number of insect boxes-2. Identify all insects by common name and order. Identify 30 to family. Include card ID 401F.

Advanced (7th-10th Year in Entomology)

Year 7- exactly 70 pinned insects. Group insects by order and exhibit a minimum of 12 orders, mounted (pins or vials) Identify all insects by common name, order and family. Max. number of insect boxes-3 (in addition to the educational box). Include card ID-401I in first collection box only. (1-3 collection boxes plus 1 educational box*)

Year 8- exactly 80 pinned insects. Group insects by order and exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. Include card ID-401I in first collection box only. (1-3 collection boxes plus 1 educational box*). Max number of insect boxes-3 (in addition to the educational box).

Year 9- exactly 90 pinned insects. Group insects by order and exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. Include card ID-401I in first collection box only. (1-3 collection boxes plus 1 educational box*). Max. number of insect boxes- 3 (in addition to educational box).

Year 10- exactly 100 pinned insects. Group insects by order and exhibit a

minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. Include card ID-4011 in first collection box only. (1-3 collection boxes plus 1 educational box*). Max. number of insect boxes- 3 (in addition to educational box).

***Educational box** – One additional box (educational), based on an educational topic relevant to the insects in your collection box, is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).

Poster/Educational Box Ideas

Please see the General Poster Guidelines, located at the beginning of the project section in this handbook, before completing any poster

Posters must have the title of the activity (below) and a label in the lower right hand corner. You can also use a creative sub-title, if you wish.

Beginner: Years 1-3

Display poster based on the following activities:

Big Mouth Bugs- Show the 4 different mouth types that you studied. Create a chart listing the 4 mouth types, an insect with these mouth types, food they eat, and where these insects might be found.

Pit Stop-Make two pit traps and use them to collect insects. Exhibit your completed record sheet. You can use the format given for your data collection, or make your own. Include some of the insects, or pictures of your trap and insects collected.

Buz-z-z-ing Around- Present five ways that insects communicate. Include an insect, or picture of each insect that communicates in each of the ways you're describing.

FACETnating!- Show how insects see (compound eyes) and explain how they see colors.

Ants and Uncles- Compare insects with their non-insect relatives by completing the chart in your book (copy or make your own). Include some of the insects and their non-insect relatives or pictures of them on your poster.

Chirp, Chirp – Watch and listen to the crickets for five minutes, three times a day, for three days. Include day and night observations. Record what you see and hear.

Intermediate: Years 4-6

Collecting Insects- Use two of the insect collecting traps described in Activity 2 (Berlese Funnel, Indoor Insect Trap), Activity 3 (Modified Wilkinson Trap), Activity 4 (Fruit Bait), or Activity 5 (Light Attractor) to collect insects. Exhibit a picture of your traps and an Insect Collection Data Chart that gives the trap location (for example, in the basement or in the backyard), date collected, and insects collected.

Spread Your Wings and Fly- Make and use a spreading board. Exhibit two pictures of your spreading board and three butterflies or moths that you prepared using your board.

Insect Experiments- Complete one of the following activities: Activity 8 (Color My World), Activity 9 (Sowbug Investigations), or Activity 10 (Life's Stages). Exhibit your data sheet and answers to the "Talk It Over" questions. For activities 8 and 9 include your hypothesis and a conclusive statement about your hypothesis (indicate if it was proved or disproved).

Invasive Species Investigations- Create an informational exhibit about one (Indiana) invasive insect. Include the information requested in the activity for this insect (first 8 questions on page 29).

A Sticky Situation- Make and use sticky traps for four weeks as described in Activity 13. Exhibit your data sheet and the answers to "Talk It Over" questions.

Footprint Clues- Study the tracks of 3 different species of insect and one arthropod as described in Activity 14. Exhibit your data sheet and the answers to "Talk It Over" questions.

Advanced: Years 7-10

The Scientific Method- Use the scientific method to complete one of the problems listed in Activity 3. Describe what you did to complete the five scientific method steps and include your data and drawings or pictures of your experiment.

Transecting For Insects- Compare three habitats using the scientific method to determine which one has the most terrestrial insect activity. Display your transect data sheet for each habitat and answer the "Talk It Over" questions.

Please Drop In- Create your own hypothesis and collect insects in five pitfall traps to prove or disprove your hypothesis, as described in Activity 7. Display how you completed your experiment (including each step in the scientific method) and your data for each habitat.

Aliens Among Us- Complete the “Natives vs. Non- Natives Survey Data Sheet” by checking two boxes (native or non-native and damage or no damage) for five native and five non-native insects as shown in Activity 9. Answer the “Talk It Over” questions.

IMP – Learning and teaching: Make an informational flyer and use it to teach younger 4-H members about five insect pests that might be found in a home or school in your county. Exhibit your flyer, lesson plan, and photograph of you teaching. Answer the “Talk It Over” questions.

Meal From A Worm- Use the scientific method to study how mealworm larvae grow. Include your hypothesis, data charts, and conclusions. Answer the “Talk It Over” questions.

Advanced Topic- Learn all you can about a topic of your choice and present it on a poster or in an Entomology box. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, “Advanced Entomology – Independent Study.”

Mentoring- exhibit a poster that shows how you mentored a young 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life.

ENTOMOLOGY: EXHIBIT MAY ADVANCE TO STATE FAIR

FASHION REVUE

Fashion revue provides an opportunity for youth to model the outfit constructed in the 4-H sewing project. State fair fashion revue is limited to youth in grades 8-12. All articles modeled in Fashion Revue must have been constructed by the 4-H member modeling that same garment or outfit. Youth qualifying to exhibit the same garment or outfit in Indiana State Fair Sewing and Fashion Revue must choose which project they wish to participate as one cannot exhibit the same garment or outfit in both projects at state fair.

Fashion revue categories are:

Informal or Casual Wear: A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities.

Dress Up: This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.

Free Choice: A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

Suit or Coat: The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear". The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.

Separates: Consists of three garments that must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.

Formal Wear: This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

FLORICULTURE

Youth will learn basic information and skills needed to grow healthy plants and flowers. The project is divided in four different levels. In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Entries per exhibitor: Counties may choose to allow one (1) arrangement type or one (1) poster/notebook type exhibit per exhibitor (exhibitors are not required to do both). Each exhibitor may also choose to do a demonstration in addition to an arrangement and/or notebook/poster.

State Fair: Each county will be allowed to send one flower and plant exhibit per category per level and one poster or notebook exhibit per level, and one demonstration per exhibitor. Total entries allowed per county: **Level A**-four flower and plant exhibits and one poster/notebook; **Level B**-three flower and plant exhibits and one poster/notebook; **Level C**-six flower and plant exhibits and one poster/notebook; and **Level D**-six flower and plant exhibits and one poster/notebook.

Note to youth exhibitors: Each level (A, B, C & D) of the Floriculture project serves more than one grade. You should do a DIFFERENT activity and exhibit each year that you are in the project. *For example, if in grade 3 you display a simple bud vase (category one), grade 4 you should choose a poster/notebook option or flower/plant exhibit from categories 2, 3, or 4.*

You should also pay special attention to size guidelines for Flower and Plant Exhibits. Instruction for exhibits and related activities can be found in the 4-H Floriculture student manuals (Levels A-D) available upon request in the Extension Office.

Notebook Guidelines

- Needs to be a sturdy 3 ring binder (with stiff covers) or a bound type notebook (with stiff covers). NO report covers or similar types.
- Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the notebook need to be educational, both for youth and the audience, and should demonstrate that the youth was able to take what he or she learned from research (experiment, or on web, in library, etc.) and/or activities to create the notebook.
- Work should include references where appropriate.
- Pictures, graphics, and artwork are encouraged.

Poster Guidelines

- Please see the General Poster Guidelines, located at the beginning of the project section in this handbook, before completing any poster
- Information printed directly off the web will not be accepted.

- Pictures, graphics and artwork are encouraged.
- Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that youth was able to take what he or she learned from this research (experiment, or on web, in library, etc.) and/or activities to create the poster.

Division I/Level A: Grades 3 and 4

Exhibit: Flower and Plant Categories

1. Create flower arrangement in a simple bud vase; provide your own vase, from cut flowers you grew in your garden.
 - a. Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase cannot exceed 1.5 inches and must be clear or white only. Include 1-3 stems of a main flower along with appropriate amount of filler flower and greenery.
2. Create flower arrangement in a simple bud vase; provide your own vase, from fresh flowers you purchased.
 - a. Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase cannot exceed 1.5 inches and must be clear or white only. Include 1 to 3 stems of a main flower, along with the appropriate amount of filler and greenery. Flowers should be in their natural state and not wired for display.
3. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you purchased. Including the vase or container, it must be no larger than 12"x 12".
4. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you grew. Including the vase or container, it must be no larger than 12"x 12".

Poster or notebook exhibits-choose any one (1) of the following topics:

1. Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers).
2. Describe how you planned or designed your garden, including how you chose the kinds of flowers.
3. Explain how you harvested your flowers, cared for them, and used them in an arrangement.
4. Explore and explain: pollination-what it is, why it's important, different ways it occurs OR transplanting-what, how, things to watch out for; OR role of insects with flowers (good, bad, or both).

5. Explore and explain seed germination OR how to care for a “sick” plant.
6. Report on an interview with a professional (what do they do, types of jobs, type of training, hours worked, etc.)
7. Describe an experiment you did and the results.
8. Describe a community service project you did, related to your flowers project.

Demonstration: Participate in an action demo at the state fair or demonstration contest related to topics for respective grade level, or any of those listed above.

Division II/Level B: Grades 5 and 6

Exhibit: Flower and Plant Categories

1. Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include 3 or more kinds of plants and have been planted at least two months before the fair. The container space must not exceed 18”x18” (height will be variable). Must include 4-H 967c “Level B Plant Record” chronicling the care of your plant
2. Make an item with dried herbs or dried flowers that you **grew yourself**. Examples of items to exhibit are, but not limited to a dried flower product, or a simple dried arrangement in a container. Exhibit not to exceed 18”X18”.
3. Display one house plant, (foliage or flowering), in a container not to exceed 10 inches in diameter. There must be only one specimen plant per pot. A flowering plant may be of any color with single or double flowers. Must include 4-H 967c “Level B Plant Record” chronicling the care of your plant.

Poster or Notebook Exhibits- choose any one (1) of the following topics:

1. Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
2. Explore and explain: insects and your flowers and/or herbs
3. Explore and explain: starting seeds indoors – the process with pros and cons
4. Explore and explain: perennials – what are they, how are they used, benefits or drawbacks
5. Investigate and describe: a butterfly garden- what types of plants, benefits to insects and butterflies, etc.

6. Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes
7. Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or successes
8. Explore and explain: plant biology – form and function, growth, photosynthesis, etc. 76 4-H Nourishment For Your Head, Heart, Hands & Health
9. Explore and explain: how to grow plants indoors – things to consider, common problems and solutions
10. Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature)
11. Describe an experiment you did and the results
12. Explore and explain topics from “Imagine That” – plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers

Demonstration—Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above.

Division III/Level C: Grades 7, 8, and 9

Exhibit: Flower and Plant Categories

1. Display a terrarium. Size of the terrarium should be appropriate for use on a table at home, and no larger than 12” deep, 18” long and 16”high. Must have a cover while on exhibit. See activity information for design.
2. Combination or European planter. Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for, a minimum of 2 months. See activity for information of plants and design. The container should not exceed exhibit space of 18”x18” (height will be variable).
3. Create one (1) corsage OR two (2) boutonnieres made from only fresh flowers. Corsages should contain 3 or more blooms. NO artificial flowers or greenery should be used in this category. Bows and decorative items are okay.
4. Create one (1) corsage OR two (2) boutonnieres made from silk or other artificial flowers and greenery. Can be created with mixed fresh and artificial materials, or all artificial. Bows and decorative items are okay.

5. A dried arrangement in a container or specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and dried plant materials. NO artificial flowers/plant materials should be included. Bows and decorative items are okay. Maximum size 24"x24", height will be variable.
6. Create a flower arrangement using either roses or lilies as a primary component of the arrangement. Arrangement should be made with all fresh materials. (NO artificial flowers/plant materials). Bows and decorative items are okay. The exhibit must not exceed 18" x 18" (height will be variable).

Poster or Notebook Exhibits-choose any one (1) of the following topics:

1. Explore and explain: vegetative propagation -- how to, different types, problems and solutions, different uses of
2. Explore and explain: plant nutrients -- what are they, why does the plant need them, what happens if the plant has too much or too little, planters or containers vs. garden.
3. Investigate the design of multiple plant containers -- how to, things to consider, selecting plant materials, uses of
4. Describe how you created your corsage or boutonnieres; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
5. Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material)
6. Explore and explain: preserving cut flowers -- how, problems, uses of and/or diseases related to cut flowers
7. Illustrate, explore and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them.
8. Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants.
9. Describe an experiment you did and the results.
10. Describe a career exploration activity you did, such as job shadow, interview with a professional.
11. Describe a community service activity you did related to your flowers project -- what you did, why, results, etc.

Demonstration Participate in an action demo at state fair or

demonstration contest related to topics for this grade level, or any of those listed above Explain how you planned, chose plants, cared for, transplanted to a larger pot, etc. your combination planter or terrarium.

Division IV/Level D: Grades 10, 11, and 12

Exhibit: Flower and Plant Categories

1. Create a seasonal arrangement from only fresh flowers and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
2. Create a seasonal arrangement that can include fresh and/or artificial flowers/plant materials. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative items are okay.
3. Create a modern or contemporary style arrangement using fresh flowers and plant materials. See manual available in Extension Office for suggestions. Maximum size 24"x24"x36". Include a label that states what type of design you have created (botanical, pave, parallel, free-form, abstract, etc.)
4. Create a bridal bouquet. Proper display of the bouquet should be considered, but only the bouquet will be judged. Bouquets should only include fresh flowers and plant materials. Bow and decorative accessories are okay.
5. Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24"x24"x36" and be made from EITHER fresh flowers and/or plant materials or artificial or silk flowers and/or plant materials. Bows and decorative accessories are okay.
6. Display a plant that you propagated (and grew and cared for) by tissue culture or other vegetative propagation methods, or flowering bulbs that you forced. Maximum pot size should not exceed 10" diameter. Must include 4-H 969c Level D Plant Record chronicling the care of your plant.

Poster or Notebook Exhibits-choose any one (1) of the following topics:

1. Describe how you created your arrangement; include information on

the design principles utilized.

2. Explore and explain how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of arrangement.
3. Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types of flowers, different time of year, etc.).
4. Explore and explain: forcing flowers (bulbs, branches, etc.).
5. Explore and explain: marketing in the floral industry (large or small business) and/or a market survey and results, and how they can benefit the floral industry.
6. Explore and explain: how to start a business related to the floral industry and may include a business plan.
7. Explore and explain: the origins of flowers and/or the floriculture industry around the world.
8. Explore and explain: tissue culture, biotechnology, or traditional breeding of new flower types-what they are, how they are used, pros and cons.
9. Explore and explain: be a plant detective-what kinds of problems might you have in growing and caring for flowers, and how to solve these problems.
10. Describe an experiment you did and the results.
11. Describe a community service activity you did relating to your flower project: how, why, results, etc.

Demonstration—Participate in an action demo at state fair or demonstration contest related to topics for this grade level, or any of those listed above.

FLORICULTURE: EXHIBIT MAY ADVANCE TO STATE FAIR

FOODS

In order for your exhibit to be judged, you must turn in your record sheet and recipe card at the time of judging.

In each level you may exhibit either one baked or one preserved product, or exhibit one of each.

Purdue Extension Food Safety Policy (revised 10/2020):

For Food Competitions: Fillings, frostings, glazes, and meringues are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream if they are not fully cooked/baked. These items are allowed as ingredients in food products IF the final product is cooked/baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted. Eggs/egg whites that have been cooked to 160^oF (i.e. pasteurized or included as part of a batter and baked) are acceptable. No home- canned fruits, vegetables, or meats are permitted as ingredients in food products.

Fresh-cut, uncooked, fruits and/or vegetables are not permitted to be used in food products or used as garnishes for the product. Foods should be transported to the competition in a way that minimizes contamination and maintains the quality of the food (i.e. foods that are judged as frozen should remain frozen at all times).

Recipes must be provided that identifies all ingredients that were used in each part of the product. Any ingredient that could be a potential allergen must be clearly identified. Each food product must be labeled with the following information:

Name

Address

Contact information (phone and/or email address)

Date the food product was made

Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. If cuts are present, the wound should be bandaged and a single use food service glove worn on the hand during all stages of food production. Contestants

should not be preparing food exhibits for competition within 48 hours of recovering from any illness. People experiencing symptoms of vomiting, diarrhea, fever, and/or jaundice should not be allowed to prepare food.

Judges and individuals who will consume products from county and/or state competitions should be informed that they are at risk for foodborne illness since the established policy cannot guarantee that an entry has been properly prepared or handled before, during or following the competition. The food products for competitions are home produced and processed and the production area is not inspected by the Indiana State Department of Health. Tasting of a food product is solely at the discretion of the judge and consumers. Judges are **NOT** to taste any home preserved foods such as low-acid or acidified foods like green beans, tomatoes or tomato products, jams/jellies/fruit preserves or fermented products produced in the home.

Instructions for preparing food exhibits for display at State Fair (these instructions may be adapted for use in your county):

Labeling Suggestions:

- Cover label with clear plastic wrap so that it will not become grease stained.
- Tape label to the paper plate or container before the product is wrapped.
- Recipe or index cards:
- A recipe card or index card (no larger than 5 1/2" x 8 1/2") is required for all food exhibits.
- Be sure to include the recipe source and all the information requested in the exhibit description, as well as your name, county, and grade level/exhibit option. It is recommended that you wrap the card in plastic wrap or in a plastic bag. Recipe cards will not be returned.

Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.

Food preservation jars/containers:

- All canned products must have the ring on the jar top to protect theseal.
- Containers will NOT be returned from the Indiana State Fair.
- How to prepare products for display.
- Most food products should be displayed on a paper or foam plate.
- For cakes - cut a piece of cardboard about 1/2 inch larger than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
- Any product that may be sticky on the bottom, such as some fancy breads, should be put on round, square, or rectangle cardboard. Cover this cardboard with wax paper, plastic wrap, or foil before putting the food product on it.
- Frozen food exhibits (containers and food) will not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers.
- Pies should be exhibited in disposable pie tin. Reusable containers or pans will NOT be returned from the Indiana State Fair.

Level A: Grades 3 and 4 (Choose one or more of the baked/preserved products below, or a similar baked/preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.)

Baked Options:

- Three uniced snack sized cookies.
- Three standard sized unlined muffins.
- Three standard sized unlined muffins containing an ingredient that is a source of Vitamin A or C.

- Three snack sized granola bars.
- Three snack sized brownies or blondies.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Preserved Options:

- A package of 3 baked or unbaked, snack-sized (approximately 2"-3" individual size) frozen cookies. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for defrosting or baking. Label with name of product, quantity, and date frozen.
- One package of frozen berries. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date frozen.
- One package of dehydrated fruit or vegetable. Display in an appropriate bag or container. Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date dehydrated.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item

Level B: Grades 5 and 6 (Choose one or more of the baked/preserved products below, or a similar baked/preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.)

- **Baked Options:**
- A single layer cake without frosting.
- A single layer reduced-fat cake without frosting. Reduce the amount of fat in the recipe by using a fruit puree or baby food fruit product that does not contain yogurt.
- A standard loaf-sized quick bread.
- A standard loaf-sized quick bread containing an ingredient that is

- a source of Vitamin A or C.
- A coffee-cake.
- A coffee-cake containing an ingredient that is a source of Vitamin A or C.
- Three biscuits or scones that are plain, sweet or savory.
- Three biscuits or scones that are plain, sweet or savory using a whole grain flour mixture.
- Three biscuits or scones that are plain, sweet or savory containing an ingredient that is a source of Vitamin A or C.
- Three no-yeast, any shape pretzels (shaped, stick or nugget).
- Three no-yeast, any shape pretzel with a whole grain flour mixture (shaped, stick or nugget).
- Three no-yeast breadsticks.
- Three no-yeast cinnamon rolls or other flavored roll without icing or glaze.
- A no-yeast sweet bread without icing or glaze.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Preserved Options:

- One uncooked frozen mini-pizza using whole-grain pita bread, English muffin, bagel, or already prepared crust (no larger than 7" in diameter) with toppings of your choice. Include at least 4 MyPlate food groups on your pizza. Meat toppings such as hamburger, sausage, bacon, etc. must be cooked. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.
- One package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen fruit or vegetable juice. Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.

- One container of frozen soup. Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- A frozen ready-to-eat breakfast sandwich, burrito or similar item. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Level C: Grades 7-9

Choose one or more of the baked/preserved products below, or a similar baked/preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

BAKED PRODUCT OPTIONS:

- Three yeast bread sticks or yeast rolls (any shape, medium size – not a sweet roll)
- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour mixture. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- A yeast bread loaf or braid. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- A yeast bread (can be loaf, braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- Homemade pizza using a yeast dough. Judges are not expecting this item to be presented hot out of the oven.

- One package of an invented healthy snack (such as a granola bar, popcorn snack, trail mix, etc.). Your snack must include at least 2 food groups from MyPlate. Exhibit must include your snack product and a separate folder containing a marketing plan with product name, recipe, how it will be packaged, a package design, where it will be sold and suggested selling price. Style your snack for a photo shoot and include the picture in your marketing plan. Label should include product name, date, quantity, and serving size.
- Prepare an entrée casserole that meets three MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar baked item.

PRESERVED PRODUCT OPTIONS:

- One (1) container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.
- One jar of a canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbecue sauce, or salsa. Include index card with recipe and instructions for cooking or using the product. Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. ***Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.***
- One jar of a canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. ***Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.***
- Frozen yeast dough (bread loaf, roll balls, sticks, pizza, etc.). Include index card with recipe and instructions for defrosting and

- cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar preserved item.

Level D: Grades 10-12

Choose one or more of the baked/preserved products below, or a similar baked/preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

BAKED PRODUCT OPTIONS:

- A single or double crust baked fruit pie (no graham cracker crust). (Note: Custards, cream, cream cheese frosting and fillings, and raw egg white frosting are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)
- A baked food product for a catered meal or special event in which organizers have requested low fat and/or reduced sugar items. Exhibit will include your food product and a notebook outlining how this product is to be used at the event, menu, supplies to buy, preparation schedule, equipment, table layout, etc. A table display is optional.
- Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a baked food product appropriate for someone with this condition. Exhibit will include your food product and a notebook summarizing the condition or allergy, nutrition considerations involved with the condition, a description of your baked item, and an explanation of how it fits within the nutrition considerations. Make sure to note any ingredients that could cause an allergic reaction.
- Prepare an entrée casserole that meets four MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented

hot out of the oven.

- An international or ethnic food of choice. This may be a cold or hot product. Use care when transporting to prevent spoilage. Judges are not expecting this product to be presented hot out of the oven.
- A specialty pastry.
- Create a baking mix and provide a sample of the baked product. Include an index card with instructions, wet ingredients needed, and baking instructions.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

PRESERVED PRODUCT OPTIONS:

- One jar of pressure canned vegetables, meat or combination product, such as soup, stew, spaghetti sauce with meat, etc. Include index card with recipe and instructions for cooking or using the product. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal.
Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.
- One package of a combination food frozen entree in freezer container. The combination food should contain 3 food groups from MyPlate. Exhibit should include an index card with recipe and instructions for reheating. Display in disposable containers. No containers will be returned. Label with name of product, quantity, and date frozen.
- A jar of cooked jam or a reduced-sugar fruit spread. Include recipe card. Label with name of product, quantity, and date made. ***Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.***
- One container of a thaw and eat frozen prepared appetizer. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- One container of a thaw and eat frozen prepared dessert. Include index card with recipe and instructions for defrosting. Label with

- name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

FOODS & FOOD PRESERVATION: EXHIBIT MAY ADVANCE TO STATE FAIR

FORESTRY

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

Create an exhibit that shows the public what you learned in the Forestry project this year. Exhibits must be displayed horizontally, sized 22"x28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title. If you are exhibiting leaves, they should be free from any damage and if you choose to write their scientific names, they must be in either italics or underscored. **(NOTE: Scientific names are required for herbariums) The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization.**

Exhibit Requirements

Beginner Grades 3-5:

- Leafing Out-Comparisons (p. 6&7). Collect, dry and display 6 different species of leaves showing leaf differences: one leaf with opposite arrangement and one with an alternate arrangement, two leaves with different leaf margins, a compound leaf, and simple leaf. Use the 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3) as a reference and identify the leaves and group them under titles of

“arrangement,” “leaf margins,” and “compound or simple.” Draw (or copy the picture) and label the parts of a leaf using the diagram from the manual (Level 1). Title your poster, “Leafing Out-Leaf Differences.”

- Leafing Out-Collections (p.6&7). Identify and exhibit leaves from 10 different trees that are listed in 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3). List at least two unique characteristics of each tree. Title your poster “Leafing Out-Collection.”
- Hold on Tight (p. 10&11). Dig up a small plant root system and display along with a drawing of the root system with the anchor, lateral, and feeder roots identified in the “Parts of a Tree” diagram (4-H-641B).
- Down in the Dirt (p. 20&21). Collect roots from 3 different habitats: woods, near a creek, and in a pasture or prairie. (NOTE: do not use the habitats listed in your manual.) Display the roots along with the completed roots test chart (copy or recreate) showing their color, size, and shape information. Include any unique features you noted.
- My Couch is a Tree? (p. 30-31). Use pictures (draw, cut from magazines, print, or take photographs) to show 10 things in and around your home that are made from wood.
- Fun in the Forest (p. 32-33). Visit a state park or forest, take your 50 Trees of Indiana book (4-H 15-80 or CD- FNR-3), diagram the trails you hiked, and list the type of trees you saw. Photographs of you hiking and some of the trees you saw will help tell your story.

Junior: Grades 6-8

Display a poster based on one of the following activities:

- The Leaf Machine (p. 8-9). Copy, draw, or find a picture of a cross-section of a leaf. Label the 7 parts. Give the chemical reaction for photosynthesis, defining the chemicals: CO₂, H₂O, O₂, and C₆H₁₂O₆. Be sure to balance your equation! There should be the same number of Carbon, Oxygen, and Hydrogen molecules on each side of the equal sign. You may need to ask an older (high school) 4-H member or science teacher for help. Draw the tree canopy, trunk, and roots (or use the tree diagram, 4-H 641B) identify the crown, trunk (with the parts; heartwood, sapwood, cambium, and bark listed on the right), feeder roots, and anchor roots.

- My State’s Forest (p. 14-15). Use a map, draw or find a picture of Indiana on the internet (e.g. www.in.gov/ingisi/). Show where your home, your school, and your fairgrounds are. Choose one of the following options to complete your poster:
 - Show where Indiana State Forests are; list a few facts about each. Visit one State Forest and have your photo taken by entrance sign if possible.
 - Show where some State Parks and Forests are, list some facts about each. Visit one and have your photo taken by entrance sign if possible.
- Someone Call a (Tree) Doctor and Stop Bugging Me (p. 22-25). Collect 10 samples of tree leaves, twigs, stems, or roots damaged by insects or disease and the fruiting body or disease that caused the damage. List information about the insect or disease, and the species of the tree that was affected.
- Fire in the Forest (p. 26-27). Explain the Fire Triangle and describe what happened during and after a famous forest fire. Drawings or pictures will help tell the tale.
- Growing Every Day (p. 30-31). Complete the table for 5 large trees that you can find and measure in your county. Research to find out how to make and use a Tree Measuring Stick (FNR-4) and use that to calculate the volume of each tree. Explain which method is more accurate, in your opinion. Explain why your results varied with the two methods of determining tree volume (the one in your 4-H manual or using a tree measuring stick).
- Tree Planting. Plant 1-3 shade trees. Include information about the tree (or trees) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree (or trees) will be when mature. Explain why you chose the planting site that you did, where you found your planting information, what steps you followed, the hole size, care of your tree (watering and weed control), and any other information you can give. Include a picture of your tree (photo or drawing). Reference: FNR-FAQ-18-W.

Senior: Grades 9-12

Display a poster board based on one of the following activities:

- A World of Forests (p.16-17). Indicate the 3 major forest biomes on

a copy, drawing, or picture of the world. Complete the table given in the activity.

- City Trees (p. 20-21). Complete the questions about Tree City (pg. 20).
- Show (draw or use pictures) some trees that are often used in city planting and explain the benefits of these trees.
- Trim the Trees (p. 26-28). Explain the 5 different kinds of tree pruning for urban trees. List some do's and don'ts of proper pruning.
- My Boss is a Tree (p. 34-35). List 5 jobs that require knowledge of trees and forestry. Explain the training and education that is needed and what types of things you might be doing if you had this job.
- Tree Planting. Present a tree planting plan for at least 100 trees. Include the type of trees you planted, cost, method of planting, weeding, pruning your trees, and any additional information. Your exhibit must have a title, labels, backing, and plastic covering as required in the manual. Reference: FNR-FQA-18-W.
- Herbarium Collection-Trees. Collect 25 terminal twigs and at least two leaves, if space allows (only one compound leaf is required), from native forest trees. Mount the specimens on 11 ½ "x16 ½ "mounting paper. One leaf on the twig must be mounted to show the backside of the leaf. Label each sheet with: common name, scientific name, where it was located (county, and location), date collected, name of collector, and specimen number. Cover each specimen. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.
NOTE: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.
- Herbarium Collection-Shrubs. Collect 25 terminal twigs, with leaves attached, from native forest shrubs. Mount the specimens on 11 ½ "x16 ½ "mounting paper. One leaf on the twig must be mounted to show the backside of the leaf. Label each sheet with: common name, scientific name, where it was located (county, and location), date collected, name of collector, and specimen number. Cover each

specimen. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

NOTE: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Independent Study: Grades 9-12 One State Fair entry

Exhibit Advanced Topic - Learn all you can about an Indiana or Eastern Deciduous forestry topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Forestry - Independent Study."

Mentoring - Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Forestry - Mentor."

FORESTRY: EXHIBIT MAY ADVANCE TO STATE FAIR

GARDEN

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

The gardening project introduces vegetable and herb gardening. The project is divided into 4 different levels:

- Level A: See Them Sprout (3rd and 4th grades)
- Level B: Let's Get Growing (5th and 6th grades)
- Level C: Take Your Pick (7th-9th grades)
- Level D: Growing Profits (10th-12th grades)

Manuals are for reference and not required to be turned in with your exhibit – Garden manuals: See 4-H garden manuals and 4-H 970-W for suggestions in preparing exhibits.

It is required that all posters, notebooks, and display boards include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public.

Garden Collection Option

Create a 3-plate, 4-plate, or 5-plate collection display of vegetables you have grown and cared for from the single vegetable list. Display each vegetable on a disposable plate. Inclusion of flowers is optional.

Single Vegetable Option

Display from the list below vegetables you have grown and cared for on a disposable plate. All vegetable and herb exhibits must include common name, Latin name, and variety.

Vegetable	Plated Display Description
Asparagus	Asparagus, 5 spears
Beans	Cowpea, black-eyed pea, southern pea, etc., 10 pods or 1/2 cup shelled
Beans	Snap, Green or Wax, 10 pods
Beans	Lima-large or small - 10 pods or 1/2 cup shelled
Beans	Navy, kidney, shell out, etc.-1/2 cup shelled
Beets	Round, flat, and long types, 3
Broccoli	Broccoli, 1 head
Broccoli raab	Broccoli raab, 3 heads
Brussels sprouts	Brussels sprouts, 5 heads
Cabbage	Chinese type (bok choy or pak choi), 1 head
Cabbage	Chinese type (napa cabbage), 1 head
Cabbage	Round, Flat or Pointed type, 1 head
Carrots	Carrots, 3
Cauliflower	Cauliflower, 1 head
Celery	Celery, 1 bunch
Chard	Chard, 10 bundled leaves
Collards	Collards, 10 bundled leaves
Corn	Sweet-yellow, white or bicolor, 3 ears
Cucumbers	Dill, Pickling, 3

Cucumbers	English or hothouse, 1
Cucumbers	Slicing with seeds, 3
Eggplant	Eggplant, 1
Kale	Kale, 10 bundled leaves
Kohlrabi	Kohlrabi, 3
Muskmelon	Muskmelon (cantaloupe), 1
Okra	Okra, 3 pods
Onions	Green, 5 onions in a bunch
Onions	Red, Yellow or White, 3
Parsnip	Parsnips, tops off, 3
Peas	Peas, edible pod such as snow peas ,10 pods
Peas	Peas, unshelled, 10 pods
Peppers	Bell type, 3
Peppers	Chili type, 3
Peppers	Serrano type, 3
Peppers	Banana/Long/Wax/Hungarian type, 3
Peppers	Pimiento type (red), 3
Peppers	Cayenne type, 3
Peppers	Jalapeno type, 3
Peppers	Cherry type, 3
Peppers	New Mexican, long green, Anaheim type, 3
Peppers	Ancho type, 3
Peppers	Tabasco type, 3
Peppers	Habanero type, 3
Potato	Potatoes, any color, 3
Pumpkin	Pumpkin, (other), 1
Pumpkin	Table, Canning, or Ornamental, 1
Radishes	Radishes, 5
Rhubarb	Rhubarb, 3 stalks bundled
Rutabaga	Rutabaga, 3
Spinach	Spinach, 10 bundled leaves
Squash	Banana, or other large winter squash type, 1
Squash	Buttercups, Turbans, 1
Squash	Butternut, 1
Squash	Cushaw, 1
Squash	Hubbards – blue, green or golden, 1
Squash	Scallops/Patty Pans, 1
Squash	Straight or crookneck – i.e. summer squash, 1
Squash	Acorn, 1
Squash	Zucchini or cocozelle, 1
Sweet Potato	Sweet potatoes, 3
Tomatillos	Tomatillos, 3
Turnips	Turnips, 3
Watermelon	Watermelon, 1

Herb Option

Display from the list below a single herb plant you have grown and cared for in an appropriate size pot that has a saucer bottom.

Herb Name and Description
Basil (<i>Ocimum basilicum</i>) "all edible types"
Catnip (<i>Nepeta cataria</i>) "all edible types"
Chamomile (<i>Chamaemelum nobile</i>) "all edible types"
Chives (<i>Allium schoenoprasum</i>) "all edible types"
Coriander or Cilantro (<i>Coriandrum sativum</i>) "all edible types"
Dill (<i>Anethum graveolens</i>)
French tarragon (<i>Artemisia dracunculus</i>)
Lavender (<i>Lavendula</i> sp.) "all edible types"
Mint (<i>Mentha</i> sp.) "all edible types"
Oregano (<i>Origanum vulgare</i>)
Parsley (<i>Petroselinum crispum</i>) "all edible types"
Rosemary (<i>Rosemarinus officinalis</i>)
Sage (<i>Salvia officinalis</i>)
Sweet Marjoram (<i>Origanum majorana</i>)
Thyme (<i>Thymus vulgaris</i>) "all edible types"

Potato Tray Option

Display from the list below approximately 30 potatoes you have grown and cared for in a 12 ½" x18" tray. A tray will be provided when checking-in potato exhibits at state fair.

Potato Description
Red (Norland, Triumph), etc.
Russett (Haig, Norgold, Superior), etc.
White, long type (Kennebec), etc.
White, oval type (Irish Cobbler), etc.
White, round type (Katahdin), etc.
Other (yellow, blue, etc.)

Tomato Plate Option

Display from the list below tomatoes you have grown and cared for on a disposable plate.

Tomato Description
Pink or purple, 3
Red (for canning), 3
Red (for market), 3
Roma or paste type, 3
Intermediate type, 10
Small Cherry or Pear, 10

Educational Exhibit Option

Create an educational poster, notebook or display about any manual activity or on any gardening topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Poster Ideas:

1. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
2. Make a poster of five commonly found vegetable garden insects, beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial, and how to control the injurious insects).
3. Make a poster of a maximum of ten pests (diseases, insects, weeds, and/or rodents) you found in your garden this year, damage caused, control measures used and results.
4. Make a poster explaining a computer garden program or mobile application.
5. Make a poster showing a picture story of what you did in your garden this year. Example: How you planned, planted, and maintained your garden.
6. Make a poster showing your financial record for your garden.
7. Make a poster of pictures showing your experiences in hydroponics.
8. Make a poster explaining various career options working with vegetables/herbs and gardening.
9. Make a poster explaining types of pollinators and their importance in vegetable and fruit production.
10. Make a poster that shows the different types of plant parts that are consumed by humans. Be sure to identify the fruit or vegetable and categorize it by root, stem, leaf, or flower.
11. Make a poster that shows different storage methods for vegetables.
12. Make a poster showing how to create a raised bed OR container vegetable garden.

13. Make a poster discussing how herbs listed on the last page of 4-H Garden Publication 4-H 970-W are used and have been throughout history. Be sure to include both culinary and medicinal uses as well as other unique uses, if any.

ANY ORANGE COUNTY 4-H MEMBER MAY EXHIBIT A GARDENING PROJECT AT THE INDIANA STATE FAIR

GENEALOGY

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Forms for this project are found on the Indiana 4-H Web site www.extension.purdue.edu/4h click on "projects" and then on Genealogy to reach downloadable forms. This project is organized into divisions and not grades for a youth cannot start in Division 3 without first completing Division 1 and Division 2. This is a project that builds on the previous division information in order to be successful in building your family tree. If you are using a genealogical commercial software program, you may need to type in or hand write in information required by the Indiana 4-H genealogy project. See 4-H forms on the 4-H website linked above.

The exhibit will consist of no more than four (4) notebooks for Division 1-4 and first year Advanced Division. Those notebooks are:

- Book #1 – 3” D-ring binder, contains introduction sheet, pedigree charts and family group sheets
- Book #2 – 2” D-ring binder, contains additional information worksheets and diary of work
- Book #3 – 3” D-ring binder, contains supporting documents, pictures, etc.
- Book #4 – 3” D-ring binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)
- Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.

Notebooks should be tabbed and in the following order:

Book #1 - Introductory Page; Pedigree Charts; Family Group Sheets

Book #2 - Additional Information Worksheets; Diary of Your Work

Book #3 - Any Other Documents (label with ancestor numbers on tab)

Book #4 – Advanced Division Options (label each tab separately with the specific option); Diary of Your Work (this will be a second diary describing work done for each advanced division option)

Pedigree Charts, Family Group Sheets, Additional Information Worksheets, and Diary Sheets are to be placed in the notebook back-to-back in sheet protectors to save space, reduce the information being damaged, and reduce the number of sheet protectors required.

So the notebook exhibit can be displayed to the public and to minimize the potential of identity theft, original legal documents are **NOT** to be included in the exhibit notebook. Instead, a photocopy of any legal document is to be included in the notebook and all identifiable information (like social security numbers) except for names is to be completely marked out. Original legal documents are to be kept in a secure location by the 4-H member and his/her family.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. Reference notations are to be made in the "source" column of the Family Group Sheet and on each document.

If information on a family member is unknown, an additional information worksheet for each required ancestor is still required. Write "unknown" or "NIA" (no information available) in PENCIL for each sheet of unknown ancestors or list several ancestors on a page and insert page in proper numerical order.

After exhibiting the 1st year of the ADVANCED Division, only the Advanced Division notebook (Book #4) with ALL OPTIONS (no pedigree charts, no family group sheets, no additional information sheets, no documents from

Divisions 1-5) needs to be exhibited each year the genealogy project continues.

Suggested Genealogy Supply List:

- Four 3" D-ring notebooks (Book #1, #3, #4 will be exhibited and the fourth 3" D-ring notebook to maintain documents at home and NOT exhibited.)
- One 2" D-ring notebook (Book #2)
- Computer or legible printing/handwriting (be consistent with method used)
- #2 lead pencil with soft eraser
- Black ink pen
- Yellow highlighter
- Notebook tabs AND acid free dividers (several tabs will be needed, be consistent with style used, should not appear past edge of notebook)
- Fine point permanent Black marker
- Acid free and non-glare sheet protectors
- Acid free paper
- Acid free glue stick
- Acid free satin Scotch tape
- Scissors
- Correction tape
- Lots of creativity to make the exhibit your own while still following the exhibit guidelines.

Requirements

Division 1

1. Exhibit notebook that includes the following:
 - **Book #1**
 - An Introduction page with a recent photograph of yourself.
 - Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H

748. **You must use the pedigree charts listed at the www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts.

- A Family Group Sheet for your parents and each pair of grandparents. Sources of information **MUST** be filled in on family group sheets (see section "Recording the Information").
 - **Book #2 (Ancestors 1-7 information)**
 - Four (4) "Additional Information Worksheets":
 - one(1) for you, the 4-H member
 - one (1) for your parents
 - one (1) for each set of grandparents (total = two worksheets)
 - a diary of your work
 - **Book #3 (Ancestors 1-7 information)**
 - Any documents or pictures pertaining to these three generations. Documents must be labeled with ancestor name and ancestor number. Pictures need to be labeled with ancestor name, plus names of all known people, place and date picture was taken, as well as ancestor numbers.
2. Turn in a completed record sheet.

Level: Division 2

Exhibit notebook that includes the following:

- **Book #1**
 - Four-generation pedigree chart. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts
 - A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide 4-H 748).
- **Book #2 (Ancestors 8-15 information)**

- An additional information worksheet for each set of great grandparents.
- A diary of your work
- **Book #3 (Ancestors 8-15 information)**
 - Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.
 - Any other documents or pictures pertaining to these generations, correctly labeled.
- Turn in a completed record sheet.
- Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 2 ancestors 8-15 and related information.

Level: Division 3

Exhibit notebook that includes the following:

- **Book #1**
 - Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W**, or the commercial software forms, but not the old "packet" pedigree charts
 - Additional Family Group Sheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748.).
- **Book #2 (Ancestors 16-31 information)**
 - Additional information worksheets
 - A diary of your work
- **Book #3 (Ancestors 16-31 information)**
 - Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the

- future, or about life goals you hope to attain.
- Any documents or pictures pertaining to these generations, correctly labeled.
- Turn in a completed record sheet.
- Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 3 ancestors 16-31 and related information.

Level: Division 4

Exhibit a notebook(s) that includes the following:

- **Book #1**
 - Six-generation pedigree charts, ancestors #1 through #63. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. **You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W**, or the commercial software forms, but not the old "packet" pedigree charts
 - Additional Family Group Sheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the Information").
- **Book #2 (Ancestors 32-63 information)**
 - Additional information worksheets
 - A diary of your work
- **Book #3 (Ancestors 32-63 information)**
 - A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
 - Any documents or pictures pertaining to these generations, correctly labeled.
- Turn in a completed record sheet
- Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 4 ancestors 32-63 and related information.

Level: Advanced Division

Exhibit notebook that includes the following:

- **Book #1**
 - Seventh and eighth-generation pedigree charts, ancestors #64 through #255. If ancestry is unknown, please indicate as Unknown. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
 - Your family group sheet for generations seven and eight.
 - Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).
 - **Book #2 (Ancestors 64-255 information)**
 - Additional Information worksheets
 - Diary of your work
 - **Book #3 (Ancestors 64-255 information)**
 - Any documents or pictures pertaining to these generations; correctly labeled.
 - **Book #4**
 - One new advanced level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.
- Turn in a completed record sheet.

Pedigree charts are available on the Indiana 4-H Web site for your additional genealogy research. EACH YEAR FOLLOWING, continue to add ancestors to your pedigree charts. In addition, choose one of the following options that has not been completed previously. Please identify, by letter, the option that you are completing (for example: Advanced Division, Year 1, Option A; Advanced Division, Year 2, Option C; etc.)

Advanced Division Year 2 and beyond – Exhibit Book #4 ONLY that contains advanced division options and a second diary of work.

EXPLAIN the information received as to how it relates to you and your ancestors. Copies of documents obtained in previous divisions are acceptable and should be utilized in the option chosen if needed.

- A. A migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of the migrations.
- B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.
- C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.
- D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
- E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.
- F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.
- G. Complete a family line or lines back as many generations as possible beyond eight generations (ancestors 256 and beyond). Include pictures, maps and documents. Be sure to include proper labels and sources.
- H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.
- I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.
- J. Family DNA history. (This can be a very expensive option) Please include charts and explanations. i.e. use pie charts, ethnicity

estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

GENEALOGY: EXHIBIT MAY ADVANCE TO STATE FAIR

GEOLOGY

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

This project introduces youth to the fascinating hobby of "rock hunting." Geology involves studying the earth's crust, its layers, and their history. Youth learn to identify Indiana rocks, minerals, and fossils.

Exhibit Introduction

Create an exhibit to show the public some of the geology specimens you have collected. Exhibits must be displayed horizontally, sized 22" x 28," mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Or, you may display your specimens in an insect display box (18 x 24 inches), orientated horizontally. Include actual specimens in your exhibit, whenever possible. You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H geology manuals available upon request in the Extension Office. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Be sure to include a label with your name, grade, and county. Choose one of the topics listed below, appropriate for your grade in school, and use that name for your title. **Titles must be in the front of the poster or box.**

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members' exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Notes:

- You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase a specimen, indicate when and where you purchased it and the location where you would expect to find the specimen. If you collect a specimen, indicate the county and township where you found it.
- Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to mount your specimens securely. Project leaders suggest the following methods: soaking $\frac{1}{2}$ cotton ball in Elmer's glue, hot glue, or clear tub sealant. Place the cotton ball in your box and put your rock (or fossil or mineral) on the cotton ball and let sit. It will take 1-2 weeks for Elmer's glue to fully harden. Specimens mounted with Elmer's glue can be removed by soaking the cotton ball in water. Glue remaining on the rock may be brushed off with an old, damp toothbrush.
- When exhibiting rocks show a fresh surface to help judges identify the rock.
- Labels - Include the specific geographical location where you would expect to find any specimens as well as where you actually acquired it (found, purchased, etc.).
- Do not identify your specimens any further than phylum and class. There is one exception to this for fossils which are identified to phylum OR class. Class should only be used for fossils of mollusks, backboned animals, and arthropods.

Requirements

Level 1: Grade 3-5 Manual 4-H 985.

Display a poster (or use an exhibit box) based on one of the following activities:

- The Rock Cycle. (Activity 2). Explain the rock cycle using both words and pictures.
- Rock Types (Activities 2-4). Display rocks from the three major types: igneous, sedimentary, and metamorphic. Examples of each include: Igneous - granite, basalt, gabbro; Sedimentary - limestone, dolomite, shale, chert, gypsum; and Metamorphic - quartzite, schist, marble, slate.

- How Rocks Change. (Activity 4). Color and display the picture in your book or draw and color your own on your poster. Briefly describe the earth processes that are shown.
- Rock Artwork (Activity 12). Display your rock artwork and the story that you created.
- Collections. (Activity 11). Display and identify 8 rocks.
- Making Crystal Models. (Activities 14 & 15). Display the crystal forms characteristic of most minerals (cubic, tetragonal, hexagonal, orthorhombic, monoclinic, triclinic) in a display box with their name and mineral with this form. You may color, paint, or use markers on your crystal models.
- Molds and Casts. (Activities 16 & 17). Display three molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast.

Level 2: Grades 6-8 Manual 4-H 986.

Display a poster (or use an exhibit box) based on one of the following activities:

- Rocks with Different Textures. Identify and display six rocks with three very different textures (two rocks of each general type). Include three grades of sandpaper and show how the differences in sandpaper is similar to the differences in rock texture.
- Indiana Limestone. Show and label pictures or photographs of ten buildings, sculptures, or monuments made from Indiana limestone.
- Mineral properties and tests. Explain the characteristics: crystal form, cleavage, hardness, appearance, and streak. Explain tests used in identifying specimens. Examples you might include are streak, acid, hardness, chemical analysis, and specific gravity.
- How We Use Minerals. Show 10 common products that contain minerals. Explain the minerals that are contained in these products and the characteristic that makes them useful.
- Geologic Time. Create a display to show the major geologic eras. Indicate the names, specific features, and approximate length of each.
- Indiana's Glaciers. Show the extent of Indiana's three main glaciers.
- Indiana Geology. Exhibit a map or sketch of Indiana showing at least ten sites with interesting geological formations. Describe the

formation and sketch or show a picture of the formation.

- Field Trip. Describe a geology field trip that you took. Describe where you went and what you learned. Include photographs (if possible) or sketch what you saw.
- Collections. Display and identify one of the following: 8-16 minerals, fossils, or 4-8 of each (half minerals and half fossils). You may exhibit a new collection in subsequent years but not one you have already exhibited.

Level 3: Grades 9-12. Manual 4-H 987.

Display a poster (or use an exhibit box) based on one of the following activities:

- Geology Research. Prepare a display to teach others about the topic you studied. Include an appropriate title, abstract (brief description of your topic), and photographs, drawings, charts, or graphs that help explain your topic. This activity may be repeated if a new topic is chosen in subsequent years.
- Lapidary and Jewelry. Show how stones and minerals are turned into polished stones and jewelry. Show and explain the steps involved.
- Miniatures. Display five miniatures in a display box and explain the benefits of collecting miniatures and how they are prepared.
- Indiana's State Parks or Forests. Create a matching game of Indiana's State Parks or Forests and a brief description. This exhibit option should include geological features of the park or forest.
- Indiana, U.S, or World Geology. Teach others about one Indiana, U.S., or World Geology topic.
- Career Exploration. Prepare a display that explains your interview with someone who needs an understanding of geology to do their job.

Level: Independent Study: Grades 9-12

- Advanced topic - Learn all you can about a geology topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Geology - Independent Study"
- Mentoring - exhibit a poster that shows how you mentored a

younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Resources must be from educational or government entities. Title your poster, "Advanced Geology - Mentor."

GEOLOGY: EXHIBIT MAY ADVANCE TO STATE FAIR

HEALTH

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

In this project you will study and learn about subjects related to Health.

Exhibit a poster on one of the following topics:

Exhibit Requirements:

Beginner: Grades 3-5 First Aid in Action

Grade 3

- A poster on one of the following topics or any other manual topic:
 1. First Aid for Cuts and Scrapes
 2. First Aid for Choking
 3. First Aid for Strains, Sprains, and Bruises
- A family first aid kit.
- An action demonstration related to a topic covered in Level A.

Grade 4

- A poster on one of the following topics or any other topic covered Level A:
 1. First Aid for Treating Nosebleeds
 2. First Aid for Foreign Objects
 3. First Aid for Stings or Bites
- A family first aid kit (including at least 1 Make Your Own Item discussed in your 4-H manual).
- An action demonstration related to a topic covered in Level A.

Grade 5

- A poster on one of the following topics or any other topic covered in Level A:
 1. First Aid for Poisons
 2. First Aid for Broken Bones
 3. First Aid for Burns
- A family kit for an emergency (tornado, snowstorm, no electricity, fire, etc.)
- An action demonstration related to a topic covered in Level A.

Junior: Grades 6-8 Staying Healthy

Grade 6

- A poster on one of the following topics or any other topic covered in Level B:
 1. Human Viruses or Bacteria
 2. Keeping hair, skin, nails, teeth, ears, or eyes clean
- A report of three activities you completed in the 4-H manual.
- An action demonstration related to a topic covered in Level B.

Grade 7

- A poster on one of the following topics or any other topic covered in level B:
 1. Nutrient Rich “Power” Foods
 2. Healthy Snacks
 3. Appropriate Portion Sizes
- A report of three activities you completed in the 4-H manual.
- An action demonstration related to a topic covered in Level B.

Grade 8

- A poster on one of the following topics or any other topic covered in level B:
 1. The Importance of Eating Breakfast
 2. The Importance of Physical Activity
 3. Turning Everyday Activities into Exercise Opportunities
- A report of three activities you completed in the 4-H manual.
- An action demonstration related to a topic covered in Level B.

Senior: Grades 9-12 Keeping Fit

- A poster on a topic covered in your manual

- A report of three activities you completed in the 4-H manual
- An action demonstration related to a topic covered in Level C.

HEALTH: EXHIBIT MAY ADVANCE TO STATE FAIR

HOME ENVIRONMENT

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

For the 4-H Home Environment project, 4-H members at each grade level may choose from 3 possible exhibit categories: a **furniture item and notebook**, a **design board (poster and notebook)**, or a **portfolio (notebook)**. All exhibits must include the Home Environment Exhibit Card (4-H-1011-D-W) which is available at the Extension Office and found in the back of a Home Environment manual, also available at the Extension Office. Senior division participants will also have a fourth choice: independent study.

NOTE: Each level has several options per category to choose from. 4-H members should choose a different option each year or show how they expanded on the same option (**portfolio and furniture options only**) used in previous years.

Categories:

- **Furniture Item & Notebook** – an actual piece of furniture accompanied by a 3- ring binder explaining the who, what, when, where, why, and how of the chosen project. Include pictures showing where the item will be used. It's a good idea, but not required, to show a picture of yourself doing the project. Place county label tags on the furniture and notebook.
- **Design Board and Notebook**- standard 22"x28" poster, displayed horizontally with a firm backing and covered in clear plastic. Attach county label tag in lower right hand corner. The notebook is to help explain the who, what, when, where, why, and how of the chosen design. This can be a "before and after" project or "plan in the future" project.

- **Portfolio - standard** 3-ring binder. If you choose to do this option more than one year, keep the previous year’s material in the notebook. Place materials for the current year in the front, with the previous year’s materials clearly marked or labeled at the back. Attach county label tag.

Other Information

Color Samples – These can be paint samples from a paint or hardware store, or color samples that you make with paint or colored pencils.

Other Samples - Many hardware or home improvement stores have free samples of wall coverings, flooring, countertops, and cabinet materials that can be used with your design board or portfolio.

Colored Pencils - Colored pencils are preferred when coloring the design board or the portfolio. Keep in mind that the entire area does not need to be colored in, but be sure to apply enough pressure to adequately express design ideas. Other methods for coloring will be accepted. These include, but are not limited to: crayons, watercolor pencils, markers, or printing on the computer.

Exhibit Requirements:

Beginner Division (grades 3-5) – will use the 4-H manual, “Home Environment: *Color, Texture, Line, and Shape*”, 4-H-1011.

Furniture Options

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook.

- A hanging or wall hanging item
- A storage item or organizer item for room or the home
- 3-5 accessory items for your chosen room

Design Board Options

- Color the line drawing found in your manual with colored pencils. Print a line drawing from the options available on the IN 4-H website, www.four-h.purdue.edu, look under projects, then click on Home Environment. Create three different color schemes for the line drawing you have chosen. Label the type of color scheme used in each (e.g., monochromatic, analogous, complementary, warm, cool). Include your 3- ring notebook.
- Color the line drawing found in your manual using one color option. Line drawings can be printed from the IN 4-H website, www.four-h.purdue.edu, look under projects, then click on Home

Environment. Use color to explain dominant and supportive colors. Attach color samples to identify two additional color options. Include your 3-ring notebook.

- Display a floor plan for a bedroom showing line and shape where furniture would be placed (could be your own). Include pictures (magazine or photos) of the furniture that would be used. It's a good idea to use graph paper to help get the drawing close to scale and to show how line and shape work with furniture. Include your 3-ring notebook.

Portfolio Options

- Collect samples of different color schemes (minimum of three), and label the type represented by each (e.g., Monochromatic, analogous, complementary, warm, cool)
- Collect samples from magazines or photos of formal vs. informal balance, dominant and supportive color, and use of pattern. Include comments explaining each.
- Collect samples from magazines of 3 different furniture designs. Label each style (e.g., traditional, modern, country, formal, retro). Include information explaining each style.

Junior Division (grades 6-8) – will use the 4-H manual, “Home Environment: Design Decisions”. Indiana 4-H exhibit options are not listed in the manual. You **MUST** refer to the options and rules listed in this handbook.

Furniture Options

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook.

- One piece of furniture that you have refinished.
- One piece of furniture that you have changed using decoupage, paint, fabric, etc.
- One cushion or 2-piece set of cushions, preferably made by you, displayed with intended furniture.
- One window treatment, including picture of the treatment in use. Should not be displayed on an actual window; use false walls or plywood no-glass window cut-outs, or make special display rods.
- One piece of furniture that you have reupholstered.
- One item that you are using for a different purpose than what it was

originally designed for (e.g., bed sheet used to make a window treatment, drawer used as a wall shelf, etc.)

- A collection of 3-5 similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example, a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

Design Board Options

- Display a floor plan for a living room, den, or family room. Include pictures (magazine or photos) of the furniture that would be used. It's a good idea to use graph paper to help get the drawing close to scale and to show where the furniture would be placed. Include paint samples and/or wall treatments samples. Include your 3-ring notebook.
- Display a floor plan for a full bathroom (toilet, sink, and shower and/or bathtub). Include pictures (magazine or photos) of the fixtures that would be used. It's a good idea to use graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall treatment samples, and flooring samples. Include your 3-ring notebook.
- Display a floor plan for a kitchen (including appliances and sink). Include pictures (magazines, photos, or appliance brochure). It's a good idea to use graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall treatment samples, flooring samples, and cabinet and/or countertop samples. Include your 3-ring notebook.

Portfolio Options

- Samples of 3 different types of wall treatments with an explanation for each. Examples can include, but are not limited to: paint only, wallpaper only, or a combination of both.
- Sample of 3 different floor treatments (pictures or flooring samples) with an explanation for each. Examples can include, but are not limited to: hardwood, carpet, and/or tile. Include information on the advantages and disadvantages of each. Also include information on where it would be appropriate to use each flooring type.
- Samples of 3 different cabinet/countertop combinations (pictures or samples). Examples can include, but are not limited to: granite,

laminate, and/or stainless steel. Include information about the advantages and disadvantages of each.

- An energy-savings plan. Design a plan for your family's home or room(s). List the current energy usage along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

Senior Division (grades 9-12)- will use manual, "Home Environment: Design Decisions". Indiana 4-H exhibit options are not listed in the manual. You MUST refer to the options and rules listed in this handbook.

Furniture Options

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete your room, along with your notebook.

- One piece of furniture that you have refinished.
- One piece of furniture that you have changed using decoupage, paint, fabric, etc.
- One cushion or 2-piece set of cushions, preferably made by you, displayed with intended furniture.
- One window treatment, including picture of treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cut-outs, or make special display rods).
- One piece of furniture that you have reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bed sheet used for window treatments, drawer used as a wall shelf, etc.).
- A collection of 3-5 similar items (baskets, wicker items, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example, a collection of baskets made to use as desk or bathroom accessories, outdoor furniture and accessories, etc.)

Design Board Options

- Display a floor plan for a child's or teen's bedroom. Include a special theme appropriate for a child or teen (e.g., princess, cartoon character, music group, favorite book, special hobby, etc.).

Include pictures (magazine or photos) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook

- Display a floor plan for a game room or a family hobby room (e.g., room with pool table, ping pong table, and/or game table; home theater; music room, etc.). Include pictures (magazine or photos) of the furniture that will be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook
- Display a floor plan of a master suite (bedroom and bath). Include pictures (magazine or photos) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments, etc. This exhibit must also include fabric samples (e.g., bedspread, window treatments, etc.). Include your 3-ring notebook
- Display a floor plan of a one or two bedroom home or apartment. Include color scheme samples and floor layouts. Floor plan should be to scale with general measurements included. Window, wall, and flooring treatment samples should be included for each room. (Pictures of furniture are not a requirement). Include your 3-ring notebook

Portfolio Options

- Samples of 3 different lighting treatments. Explain how and when each is appropriate for use. Examples include, but are not limited to: overhead, recessed, and table/floor lamps. Include information as it relates to energy use and efficiency.
- Samples of 3 different types of window treatments. Include information on the use of each kind and in what room each would be appropriate. Include information on the advantages/disadvantages of each. Also, include information as it relates to energy use and efficiency.
- Using the same window (size and shape), apply 3 different types of window treatments. Explain the advantages/disadvantages of each. Explain what type of setting (formal, country, traditional, modern, etc.) would be appropriate for each treatment. Include

- information related to energy use and efficiency.
- A career plan. Interview an interior designer. Include the advantages and disadvantages of being a professional interior designer. Research 2 different design schools or training programs. Include the advantages/disadvantages for each program. Include the cost of attaining a degree or completing the program.
- An energy-savings plan. Design a plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include the previous year's work, but be sure to indicate which information represents the current year's work.

Independent Study Option

Youth in grades 9-12 have the option of doing an independent study project. Those 4-H members who choose this option must review their ideas with their 4-H Youth Development Extension Educator to make sure they have selected an appropriate topic/exhibit.

HOME ENVIRONMENT: THIS EXHIBIT MAY ADVANCE TO STATE FAIR

JUNIOR LEADERSHIP

Junior Leaders is a county-wide leadership organization for 4-H members in grades 7-12. Along with learning and using leadership skills, Junior Leaders serve as mentors and role models to younger 4-H Members, participate in community service and fundraising activities, and have fun together!

To complete the Junior Leader project members must:

- Attend and participate in as many Junior Leader meetings, service projects, learning events, and activities as possible.
- Attend the Food Stand food safety training
- Assist with running of the Junior Leader Food Stand
- Assist with clean-up of the Junior Leader Food Stand following the fair

JUNIOR LEADERSHIP: NO STATE FAIR ENTRY

MICROWAVE

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Project Description: Members will learn basic food preparation techniques for using the microwave. In the advanced divisions, members will learn how to convert recipes and prepare dishes for the entire meal.

Exhibit Requirements:

General Instructions:

1. How to prepare products for display.
 - Most food projects should be displayed on a paper or foam plate.
 - For cakes-cut a piece of cardboard about ½ inch larger than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
 - Any other product that may be sticky on the bottom, such as fruit crisp or pies, may be left in the container in which they were cooked. Containers should be labeled so they may be returned to you following judging.
 - All canned products must have the ring on the far top to protect the seal.
2. Whole products will be exhibited for judging. Only a slice of the exhibit or one cookie will remain for show. The rest of the product will go home after judging.
3. Recipes are required and must be placed on 5"x8" cards and must be covered with plastic. Label your recipe card with recipe name, 4-H member's name and division.
4. All food exhibits must be made from scratch.
5. For food competitions: filling, frosting, glazing, pie filling, and meringue (whether cooked or uncooked) are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream as the nature of these products increases the moisture content and water activity of the food. Foods with a higher moisture content and water activity can be ideal growing conditions for food borne pathogens, even if the ingredient is part of a batter and baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites

are not permitted. Eggs/egg whites that have been cooked to 160°F (i.e. pasteurized or included as part of a batter or baked) are acceptable. No home canned fruits, vegetables or meats are permitted in products. Recipes must be provided that show which ingredients were used in each part of the product. Contestant should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. Contestants should not be preparing food exhibits for competition within 48 hours of recovering from any illness. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).

Level A

Grade 3: Microwave snack mix (in a package)

Grade 4: six squares or bars of microwave fudge

Level B

Grade 5: six bars of microwave cookies or brownies

Grade 6: One microwave upside down cake

Level C

Grade 7: One microwave fruit crisp

Grade 8: One microwave coffee cake

Grade 9: One package of a microwave candy product

Level D

Grade 10: One microwave double layer or Bundt cake. (NOTE: Custards, cream, and cream cheese fillings or frostings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Grade 11: One microwave fruit and/or nut pie. (NOTE: Custards, cream, and cream cheese fillings or frostings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Grade 12: A jar of microwave jam or jelly. Label with name of product, quantity, and date made.

MICROWAVE: NO STATE FAIR ENTRY

PHOTOGRAPHY

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

REQUIREMENTS:

1. All images are to be original images taken by the 4-H member
2. Complete a 4-H Photography Record Sheet each year.
3. Photos must have been taken since the last project entry date of the county fair.
4. All poster exhibits are to be mounted on a background board 22 inches by 28 inches, displayed horizontally, mounted on stiff backing (foam board, corrugated board, thin paneling, thin luan board--keep it thin and light.) and covered with clear acetate/plastic.
5. Place standard identification label in the lower right hand corner on poster boards and salon prints. Place your identification label on your board and under your plastic if at all possible.
6. Number photo prints on your print boards 1 to 10.
7. Captions under your photographs are not recommended nor are fluorescent posters.
8. Salon prints are one print, either Black & White or Color, printed horizontally or vertically. The print must be mounted on a standard 16 by 20 inch salon mount, displayed vertically and covered with plastic.
9. Sepia tone photographs (mono chromatic) are entered under the Black and White classes.

*designates a State Fair entry possibility. Counties may send two entries from Level One (1), four entries from Level Two (2) and four entries from Level Three (3) for a total of ten exhibits. **Being selected as a class winner may not be an automatic State Fair entry.** The judge(s) will need to choose the best from each level.

Mounting and Labeling:

- The mounting may be of any color or texture. The pictures are to be neatly and securely mounted. Dry mounting tissue is best.
- Salon mounts are available in most photo and art supply stores. They are available either in plain or with a cutout of the picture area. You may make your own. Matting is not required.
- The exhibit entry tag provided by the county Purdue Extension office is to be placed in the exhibit's lower right hand corner.

Requirements

Level: LEVEL 1 - GRADES 3, 4, AND 5

Exhibit - You choose either type of prints to exhibit and choose to perfect your skills in either or both. You are encouraged to try your hand at both types of film for a broader learning experience. Your prints may be a mix of digital and/or standard development.

1. Black & White Prints*
2. Color Prints*
3. Cell Phone Print*

CLASS DESCRIPTION LEVEL 1-GRADES 3, 4 AND 5

1. BLACK AND WHITE PRINTS: "Capturing Memories"

EXHIBIT: 10 black & white pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, on stiff backing covered with plastic. The poster must carry the title "Capturing Memories". It is recommended that you use and exhibit standard processing size for your prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

2. COLOR PRINTS: "Experiences in Color"

EXHIBIT: 10 color pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Experiences in Color". It is recommended that you use and exhibit standard processing size for your

prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

3. CELL PHONE PRINT: Photograph MUST be captured using only a common cell phone camera.

EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

Level: LEVEL 2 - GRADES 6, 7, AND 8

Exhibit - You may choose from the class list below:

4. Black & White Prints*
5. Color Prints*
6. Color Salon Print*
7. Black & White Salon Print*
8. Creative/Experimental - Black & White or Color Salon Print*
9. Cell Phone Print*

CLASS DESCRIPTION LEVEL 2 -GRADES 6, 7 AND 8

4. BLACK AND WHITE PRINTS: "Photography is Fun"

EXHIBIT: 10 black & white pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Photography is Fun". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

5. COLOR PRINTS: "Adventures in Color"

EXHIBIT: 10 color pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Adventures in Color". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

6. COLOR SALON PRINT:

EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

7. BLACK AND WHITE SALON PRINT:

EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

8. CREATIVE/EXPERIMENTAL SALON PRINTS:

EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. Must include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.

9. CELL PHONE PRINT: Photograph MUST be captured using only a common cell phone camera.

EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

Level: LEVEL 3 - GRADES 9, 10, 11, 12

Exhibit - You may choose from the class list below:

10. Black & White Prints*
11. Color Prints*
12. Color Salon Print*
13. Black & White Salon Print*
14. Creative/Experimental - Black & White or Color Salon Print*
15. Cell Phone Print*

CLASS DESCRIPTION LEVEL 3 -GRADES 9, 10, 11, 12 AND ABOVE

10. BLACK AND WHITE PRINTS:

EXHIBIT: 10 black & white pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.

11. COLOR PRINTS:

EXHIBIT: 10 color pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.

12. COLOR SALON PRINT:

EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

13. BLACK AND WHITE SALON PRINT:

EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

14. CREATIVE/EXPERIMENTAL SALON PRINT:

EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. Must include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.

15. CELL PHONE PRINT: Photograph MUST be captured using only a common cell phone camera.

EXHIBIT: One (1) black & white or color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

PHOTOGRAPHY: EXHIBIT MAY ADVANCE TO STATE FAIR

SEWING

This is a series on how to sew. Participants sew garments of increasing difficulty as they progress. The garments range from simple items to a tailored suit or coat.

Requirements

Level: Level A (Grade 3) Last Modified: 10/1/20

Skills to Learn and Include in Exhibit

Include at least 2 skills in the exhibit:

- Insert elastic or drawstring
- Sew and trim a crotch curve
- Machine topstitch hems
- Use a simple seam finish
- Stitch in the ditch

Exhibit

Wearable: Elastic waist shorts, pants OR skirt with fold over casing; no pockets or similar sewn clothing article made to be worn by the 4-H member or another person. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Non-wearable: Simple pillow sham with lapped back opening and purchased pillow form (following instructions provided in manual) OR simple totebag with handles or drawstring or similar sewn article. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Requirements

Level: Level A (Grade 4) Last Modified: 10/1/20

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams. Include at least 2 skills in the exhibit:

- Use interfacing
- Staystitch and understitch
- Apply a facing or binding
- Stitch curved seams
- Trim and grade seams
- Work with fiberfill
- Machine topstitch hems

Exhibit

Wearable: Shorts, pants OR skirt with partial or full sewn-on waistband or waistline facing, or partial elastic waistband (not a full elastic waistband) OR simple shirt or top OR BBQ apron or similar sewn clothing article made to be worn by the 4-H member or another person. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Non-wearable: Shaped pillow with curved seams, stuffed and sewn closed OR hanging pocket organizer OR bound edge placemats (set of 4) or similar sewn article. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Requirements

Level: Level B (Grade 5) Last Modified: 10/1/20

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Choose at least 3 of these additional skills for each sewn exhibit.

- match fabric design
- gather fabric
- insert zipper
- use a drawstring
- hand-stitch a hem
- sew a simple sleeve
- apply purchased trim or ribbons
- sew patch or inseam pockets
- use a simple lining
- do a machine blind hem
- apply machine topstitching

- do a machine topstitched hem
- sew with knit
- insert elastic
- apply facings
- sew buttons
- apply binding
- use batting

Exhibit

Wearable: Simple shirt with sleeves OR sundress OR jumper OR simple 2 piece pajamas or similar sewn clothing article made to be worn by the 4-H member or another person. A similar article is permissible provided the skillset is the same as the listed articles. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.

Non-wearable: Pillow lap quilt (quillow) OR structured duffel bag, tote bag or backpack, OR sewn hat or similar sewn article. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.

Requirements

Level: Level B (Grade 6) Last Modified: 10/1/20

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Choose at least 4 of these additional skills for each sewn exhibit.

- make darts
- set in sleeves
- insert a lapped zipper
- hand-stitch a hem
- make buttonholes
- sew tucks or pleats
- sew ruffles
- hand sew buttons
- apply trim
- sew a simple lining
- sew patch pockets
- apply bindings
- do a machine topstitched hem
- sew facings apply ribbings
- sew a simple collar
- do a machine blind hem
- sew with knit
- match fabric design
- use fiberfill
- apply machine appliqué
- insert piping
- apply machine topstitching
- construct with a serger
- sew inseam pockets

Exhibit

Wearable: Two (2) garments that can be worn together made to be worn by the 4-H member or another person. Attach Sewing Skills Card (4-H 926D-W) to the exhibit.

Non-wearable: Pillow sham with button or zipper closing, appliqued design, piping or ruffle. Make your own pillow form OR totebag with zipper or duffel bag with zipper, pockets and lining OR doll or pet clothes or similar sewn article OR construction techniques sample notebook (following instructions provided in the manual).

Attach Sewing Skills Card (4-H 926D-W) to the exhibit.

Requirements

Level: Level C (Grade 7) Last Modified: 10/1/20

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate.

Choose at least 5 of these additional skills for each sewn exhibit:

- make darts
- set in sleeves
- sew facing
- apply ribbing
- apply a collar
- sew on buttons
- use doll joints
- apply inseam pockets
- apply front hip pockets
- match fabric design
- apply trims
- apply machine or hand appliqué
- apply machine topstitching
- insert a lapped zipper
- insert an invisible zipper
- insert a separating zipper
- do machine quilting
- do a hand-stitched hem
- do a machine topstitched hem
- do a machine blind hem
- attach cuffs
- apply binding
- sew lining
- apply ruffles
- insert piping
- make buttonholes
- use fiberfill
- apply patch pockets
- use a twin needle
- apply tucks/pleats
- construct with a serger

- apply machine

embroidery

Exhibit

Wearable: School, casual or sports outfit made to be worn by the 4-H member or another persons. Can be one or more pieces. Attach Sewing Skills Card (4-H 927C-W) to the exhibit.

Non-wearable: Dressed, jointed (with sockets) stuffed animal OR sewn item for holiday or special occasion or similar sewn article OR construction techniques sample notebook (following instructions provided in manual). Attach Sewing Skills Card (4-H 927C-W) to the exhibit.

Requirements

Level: Level C (Grades 8 and 9) Last Modified: 10/10/08

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams (except knits and non-raveling specialty fabrics). Interfacing, understitching and trimming should be used when appropriate. In addition, choose at least 6 of these skills for each sewn exhibit:

- | | |
|-------------------------|----------------------|
| • make darts | • make shoulder pads |
| • make tucks | • attach cuffs |
| • add lining | • make pleats |
| • add facings | • insert elastic |
| • add plackets | • add boning |
| • add lapels | • apply a collar |
| • make sleeves | • insert piping |
| • add gathers | • make a neckband |
| • apply trim | • add vents |
| • apply ribbing | • sew buttons |
| • add a drawstring | • add underlining |
| • use shaped seams | • add ruffles |
| • use fiberfill | • sew with knit |
| • add a waistband | • make button loops |
| • add patch pockets | • do hand beading |
| • add front hip pockets | • add inseam pockets |
| • match fabric design | • add welt pockets |

- use twin needle
- create bound edges
- do machine or hand quilting
- apply machine or hand applique
- apply machine topstitching
- insert an invisible zipper
- insert a separating zipper
- insert a fly front zipper
- insert a lapped zipper
- insert a hand picked zipper
- do a machine topstitched hem
- do a machine blind hem
- do a hand-stitched hem
- make self-covered buttons
- use specialty threads
- make self-enclosed seams
- sew with difficult fabric
- make machine buttonholes
- make bound buttonholes
- construct with a serger
- apply machine embroidery

Exhibit

Wearable: See advanced sewing wearable exhibit options below. Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

Non-wearable: Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

Requirements

Level: Level D (Grades 10, 11, and 12) Last Modified: 11/01/07

Skills to Learn and Include in Exhibit

Seam finishes are recommended on all exposed seams (except knits and non-raveling specialty fabrics). Interfacing, understitching and trimming should be used when appropriate. In addition, choose at least 6 of these skills for each sewn exhibit:

- make darts
- make tucks
- add lining
- add facings
- add plackets
- add lapels
- make sleeves
- add gathers

- apply trim
- apply ribbing
- add a drawstring
- attach cuffs
- make pleats
- insert elastic
- add boning
- apply a collar
- insert piping
- make a neckband
- add vents
- sew buttons
- add underlining
- add ruffles
- do machine or hand quilting
- apply machine or hand appliqué
- apply machine topstitching
- insert an invisible zipper
- insert a separating zipper
- insert a fly front zipper
- insert a lapped zipper
- insert a hand picked zipper
- do a machine topstitched hem
- do a machine blind hem
- do a hand-stitched hem
- use shaped seams
- use fiberfill and/or batting
- add a waistband
- add patch pockets
- add front hip pockets
- match fabric design
- make shoulder pads
- apply machine embroidery
- coordination of fabric for quilted item
- sew with knit
- make button loops
- do hand beading
- add inseam pockets
- add welt pockets
- use twin needle
- create bound edges
- hand/machine beading
- make a reversable item
- make self-covered buttons
- use specialty threads
- make self-enclosed seams
- sew with difficult fabric
- construct with a serger
- make machine buttonholes
- make bound buttonholes
- piece quilted item
- other skills not listed above

Exhibit

Wearable: See advanced sewing wearable exhibit options below. Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

Non-wearable: Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

Requirements

Level: Advanced Sewing Wearable Exhibits (Levels C & D)

Exhibit Advanced Sewing Wearable Exhibit Options (Fashion Revue Categories) Levels C & D

All senior sewing wearable exhibits (Grades 8-12) are to be made so it can be worn by the exhibitor or another person. All senior sewing (Grades 8-12) outfits exhibited in Fashion Revue must be made and worn by the exhibitor.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

*****Informal or Casual Wear:** A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities.

*****Dress Up:** This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.

*****Free Choice:** A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

*****Suit or Coat:** The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear". The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.

*****Separates:** Consists of three garments that must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.

*****Formal Wear:** This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

SEWING: EXHIBIT MAY ADVANCE TO STATE FAIR

SHOOTING SPORTS

Each year, you must complete the multi-page Shooting Sports record sheet. In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Create an exhibit that shows the public what you learned in shooting sports education this year. Exhibits must be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in a clear plastic sleeve or other transparent material. Title your exhibit with one of the following: archery, outdoor skills, muzzleloader, pistol, rifle, shotgun, or shooting sports. You can use a subtitle, if you wish. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Important Notes:

- Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.
- Live ammunition is not allowed to be exhibited (no powder or primer)
- An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broadhead arrows are not allowed to be exhibited.
- Displays involving firearms or bows may be exhibited as a

photographic display on a poster or in a notebook following grade level guidelines.

- Handmade items must include information explaining how the project was made and its intended use. Photos are encouraged.

Exhibit Requirements

Beginner Level: Grades 3 through 5

- Display a poster showing what was learned in the 4-H Shooting Sports project.

Junior Level: Grades 6 through 8

Choose one of the following options: Exhibits MUST meet the size restrictions or be presented in a notebook.

1. Poster
2. Small project or model no larger than 18 x 18 x 36 inches.
3. Notebook, showing how a shooting sports item was made, or project completed.

Senior Level: Grades 9 through 12

Choose one of the following options:

1. Poster
2. Project or model (any size)
3. Notebook, showing how a shooting sports item was made, or project completed.

Independent Study: Grades 9 – 12

Advanced topic - Learn all you can about an advanced shooting topic and present it on a poster and/or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Shooting Sports - Independent Study"

Mentoring - exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Shooting Sports – Mentor".

SHOOTING SPORTS: EXHIBIT MAY ADVANCE TO STATE FAIR

SMALL ANIMALS

In order for your exhibit to be judged, you must turn in your completed record sheet at the time of judging.

The Small Animal project is for anyone interested in their household pets (of any variety!).

Exhibit Requirements:

Each participant should make and exhibit a poster based on one of the “Pet Facts” boxes or one of the “Know Your Pets” areas on the Record Sheet

Pet Facts

Posters should include pictures, diagrams, etc. You should choose ONE Pet Fact to expand on in your poster. The Pet Fact should be used as a “jumping off” point – you should expand and include more information on your poster. Your poster should be informative, interesting, and follow all general 4-H poster guidelines. Your poster should be titled “Pet Facts” with your specific subject as a subtitle.

The appropriate “Pet Facts” are found on the record sheet.

Know Your Pets

Posters should include pictures and interesting information. You should choose one of the “Know Your Pets” options found on the record sheet, and then choose one section to describe within that option (For example, the DIET section of the option about LIZARDS). This section should be a “jumping off” point – you should expand and include more information on your poster. Your poster should be informative, interesting, and follow all general 4-H poster guidelines. Your poster title should combine the animal and the specific section you chose, for instance “Gerbil Housing” or “Guinea Pig Breeds”.

SMALL ANIMAL SHOWMANSHIP

During the fair, there will be a Small Animal Showmanship Contest. Rules are as follows: **NO VENOMOUS ANIMALS, INSECTS, REPTILES ALLOWED**

1. The contest is open to 4-H members who are enrolled in the Small Animal project.
2. In order to compete in the Showmanship Contest, the 4-H'er must have completed his/her Small Animal exhibit (poster) and turned it on time during project check-in.
3. Members are allowed to bring only one pet for Showmanship.

4. The animal must **NOT** fall into any other 4-H project category (no cats, dogs, rabbits, chickens, etc.) If you have any questions as to which animals are acceptable, please contact the Extension Office.
5. Class sign-ups for the contest will be due in FairEntry.
6. The contest will have 3 divisions, with one winner from each division:
Beginner (grade 3-5) Junior (grade 6-8) Senior (grade 9-12)
7. You will be judged on your knowledge about your animal and the species in general, how you handle the animal, and how it is presented (cleanliness).
8. The animal shown must be legal to possess, OR the member must hold a valid and current license to possess said animal (indigenous, exotic, etc.)
9. The 4-H member must be in full control of the animal at all times.

SMALL ANIMAL: NO STATE FAIR ENTRY

SMALL ENGINES

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Note: The following poster/display requirements and small engine display requirements apply to exhibits for all three levels.

Poster Requirements: Size 22" x 28"; mounted on stiff backing foam board, thin plywood, peg board or very stiff cardboard; Displayed horizontally; Covered in plastic.

Actual Engine Display: The actual small engine may be displayed. It must be mounted on a stable base no larger than 30" x 30". For safety reasons, all fluids (fuel and oil) must be removed. Note: It is strongly suggested that a notebook with details and pictures of what was done to the engine accompany the display

Display Board Requirements: No more than 36" wide x 24" deep and free standing; 3-dimensional display All items to be securely fastened; 4-H member's exhibit card to be secured in lower right hand corner.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to

the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Beginner Division/Level 1 (Grade 3, 4, and 5) – Crank It Up!

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- Picture poster showing what you have learned about small engines. Display of basic tools needed to maintain a small engine.
- An educational display related to what you have learned about two-cycle engines. An educational display related to what you have learned about four-stroke engines. An educational display showing proper maintenance and care of a lawn mower.
- An educational display of proper safety labels and procedures for small engines.
- Small engines parts display board with a brief explanation of the purpose of the parts and how they work.
- Display related to some system that you learned about in small engines (filters, cooling, ignition, etc.).

Junior Division/Level 2 (Grade 6, 7, and 8) – Warm It Up!

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display comparing the different types of engines.
- An educational poster illustrating and explaining the internal parts of an engine. An educational display showing how transmissions work.
- An educational display showing how to conduct a compression check. An educational display showing how to adjust a carburetor according to owner's manual instructions and in accordance with EPA regulations.
- A display using a real small engine with a brief explanation showing steps in preparing a small engine for storage.
- Carburetor parts display board with a brief explanation of the purpose of the parts and how they work together.
- An income and expense record of your lawn mowing business, including costs, hours worked, pay for individual jobs, etc.

Senior Division/Level 3 (Grades 9, 10, 11, and 12) – Tune It Up!

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display showing how to use diagnostic tools on small engines.
- An educational display showing how to tear down and reassemble a small engine. An educational display related to the electrical system of a small engine.
- An educational display about emissions systems on small engines and future trends. An educational display showing mower blade inspection and maintenance skills.
- An educational display about careers in small engines.
- An educational display about your work in finding resources about small engines on the Internet. An educational display about troubleshooting common problems with small engines.
- An educational display about small engines designs.
- Any educational display related to what you have learned in this project.

SMALL ENGINES: EXHIBIT MAY ADVANCE TO STATE FAIR

SOIL AND WATER SCIENCE

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **This project requires a manual that is available at the Extension Office.**

Create an exhibit that shows the public what you learned in the Soil and Water Science project this year. Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook. Notebook exhibits must be displayed in a standard 3-ring binder. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title.

Exhibit Requirements:

Beginner Division- Grades 3-5:

- A poster related to an activity in the Beginner Division manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 3-5.

Junior Division- Grades 6-8:

- A poster related to an activity from the Junior Division manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 6-8

Senior Division-Grades 9-12:

- A poster related to an activity in the Senior Division manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12.
- Independent Study – Learn all you can about a soil and/or water topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, “Advanced Soil and Water Science – Independent Study”.
- Mentoring – Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Soil and Water Science – Mentor”.

SOIL AND WATER SCIENCE: EXHIBIT MAY ADVANCE TO STATE FAIR

SPORTS: Physical Health

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

You must choose a different category each year. Your poster title should be the topic that you choose under your division requirements. You may also use a subtitle, if you wish.

Exhibit Requirements:

Grades 3-5

My Sports- Exhibit a poster with at least six different pictures showing you playing the sport you have chosen for this project.

Uniforms- Exhibit a poster showing pictures of the complete uniform to be worn for a specific sport. Include helmets, kneepads, etc. also include any equipment needed to play your sport such as bat, racket, etc. each item should be labeled with the name and price.

Field or Court- Exhibit a poster illustration of the dimensions of a field, court, alley, pool, etc. Each dimension should be clearly stated as well as labeled as baseline, free throw line, serving line, etc.

Grades 6-8

Techniques or Skills- Exhibit a poster showing at least three techniques or skills used when playing a sport. Briefly describe how and when each technique should be executed.

Athletes- Exhibit a poster showing at least four well-known athletes in the sport you have chosen. Include athlete's name, team (if applicable), and a list of the athlete's accomplishments. Note your sources.

Safety- Exhibit a sports safety poster. The poster may include pictures of safety items or safety techniques that can be used to avoid injury. OR You may exhibit a poster showing first aid items that should be kept close by for sports activities.

Grades 9-12

Nutrition and Training- Exhibit a poster showing the proper diet and workout schedule for an athlete in training. The poster should show a three-day menu and training schedule. Be sure to show the proper nutrition requirements. Illustrations may be added.

Sports Venues- Exhibit a poster showing a picture or drawing of a past or present sport venue. Include the name, location, and other interesting facts about the venue. You may choose to use several pictures/drawings on this poster. Examples of items you might include: when it was built, nickname of venue, what sport(s)/team(s) play there, special features of the venue, historic moments that occurred in the venue, etc.

Teams- Exhibit a poster showing a past or present sports team. Your poster should focus on one year in the team's history. Display a team photograph and statistics or accomplishments of the team. Be sure to include the league/conference, city, etc. of the team.

History- Exhibit a report on the history of a sport. The report should include such things as when and where the sport was first played, legendary athletes in the sport, how the sport has changed over the years,

etc. and include a list of all sources used. The report should be typed, have a cover page, and be exhibited with a clear plastic cover. Reports should be in the 4-H member's own words.

SPORTS: NO STATE FAIR ENTRY

SPORTFISHING

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook. Pages listed below refer to project manuals. Choose one of the topics listed below, appropriate for your grade in school, and create a poster based on what you learned from the activity. Use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub- title if you wish.

Exhibit Requirements:

Beginner: Grades 3-5 - exhibit a poster based on one of the following activities.

- **Let's Go Fishing (pages 6-7)**-Complete the Angling
- **Self-Assessment** and practice landing a fish as described in Playing a Fish. Display your self-assessment to show what you currently know about fishing and indicate what you hope to learn in this project. Draw or take photos of you "Playing a Fish."
- **Pop Can Casting (pages 10-11)**-Display a photo of you casting your pop can rig and your casting record. OPTIONAL-display a photo of you casting a regular fishing rig and your casting record with that rig.
- **Hook, Line, and Sinker (pages 14-15)**-Display at least two rigs listed in Fishing Deeper #1. You can use a drawing or a picture to show these rigs. Answer the questions (Casting Out, Working the Lure, Setting the Hook, and Landing the Fish) on your exhibit.
- **Fishy Baits (pages 24-25)**-Complete and display cards similar to those shown (natural baits, prepared bait, and artificial flies and lures). Answer the Casting Out questions on your exhibit.

- **Which Fish It? (pages 28-29)**- Copy the pages in your manual and use the fish and the crossword puzzle, identify the fish and make a display that shows the correct answers in the puzzle. (*Optional*-enlarge the crossword puzzle.)

Junior: Grades 6-8: Exhibit a poster based on one of the following activities:

- **A Different Spin (pages 6-7)**-Display a picture of you while casting, a completed casting record, and Spinning Reel parts diagram. Also, answer the Working the Lure and Setting the Hook questions. (You may copy the ones in your manual or make your own.)
- **A Fine Kettle of Fish (pages 14-15)**-Show a drawing or photograph of you cooking fish. Include your recipe and if possible pictures of you cleaning and/or preparing your fish.
- **Clean Up the Litterbug (pages 16-17)**-Complete and display the chart shown on page 16. Draw or take a photo of the fishing place that you cleaned up (before and after).
- **The Woolly Buzzer (pages 24-25)**-Take pictures or make drawings to show how a woolly bugger is made. Answer the Casting Out and Working the Lure questions.
- **A Fish by Design (pages 32-33)**-Draw, take pictures, or find pictures on the Internet or in magazines to show (and identify) different mouth/feeding fish, body shapes, and fish with different coloration. Briefly explain (3-5 sentences or bullet points) why fish have different mouths, body shapes, and coloration.

Senior: Grades 9-12: Exhibit a poster based on one of the following activities:

- **A Reel Mess (pages 6-7)**-draw, take photos, or copy the reels shown in Cleaning a Reel. Label the reels, the parts of each reel, and where you might use it. Show how you cleaned a reel using pictures or drawings.
- **Designing a Skillathon Station (pages 8-9)**-Make two skillathon stations (you may use the suggestions on page 9 or another fishing topic of your choice). List the topics, realistic situation task, and materials needed. Take photographs of younger 4-H members using your stations.

- **Beads, Dog Hair, and Feathers (pages 10-11)**-Collect materials and tie a fly. You can display your fly. Also, list and draw or take pictures of the 7 materials in the matching game and indicate their potential use.
- **Collecting Aquatic Insects (pages 18-19)**-Complete and display the chart on page 18 (you may copy the chart in your book or make your own). Draw or take pictures of your kick net and your sampling procedures. Answer the questions in Casting Out and Working the Lure.
- **Cast into the Future (pages 24-25)**-Complete the Career Investigation Record after talking with someone currently working in the area related to fish or fishing. Include a picture of the person you interviewed and answer the questions in Casting Out, Working the Lure, Setting the Hook and Landing the Fish.
- **Keep a Field Journal (pages 26-27)**-Reproduce or copy 3-5 Field Journal entries on your display. Include photographs that show where you had the fishing experiences, if possible.
- **Playing Know your Fish (pages 30-31)**-Make a “flap” quiz to teach fish facts. Have the information showing and the correct fish under the flap. Choose 5 of the 10 fish and show them on the poster above the information so fairgoers know what species they have to pick from. Be sure to list multiple species if the information you provide applies to more than one of the species you choose.
- **Advanced Topic:** Learn all you can about a sport fishing topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the references you used to describe what you did and what you learned. Title your poster, ***“Advanced Sport Fishing - Independent Study”***.

SPORT FISHING: EXHIBITS MAY ADVANCE TO STATE FAIR

THIS IS 4-H

This project requires a manual that is available at the Extension Office. In order for your exhibit to be judged, you must turn in your manual and record sheet at the time of judging. The manual used is designed as a project to introduce first year 4-H members in grade 3 to the 4-H program.

To complete this project, you will need to:

1. Complete the manual and exhibit it at the 4-H Fair. To complete this book, you must do pages 3-7, 19-20, and 5 activities from pages 8-18. The manual should be neat and in the child's own handwriting. You may choose to display your manual in a binder. You may add color and pictures – whatever you feel looks best and shows your personality.
2. Work together with an Adult 4-H Leader and other members in club activities.

THIS IS 4-H: NO STATE FAIR ENTRY

TRACTOR

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Exhibit Requirements: A poster is to be displayed each year as your county exhibit. It should cover one of the following topics: Tractor Safety, PTO Power, or Lawn Mower Components

4-H TRACTOR OPERATOR'S CONTEST

1. The purpose of this contest is to assess and encourage development of the 4-H member's ability to properly and safely operate a tractor, and is held annually by the host Area II County. Winners will advance to the State Contest.
2. In each of the two Operators' Contest-Tractor and Compact (Lawn and Garden Tractor) - there will be two divisions.
 - Junior Division Contestants must be currently in grades 3 - 7.
 - Senior Division Contestants must be currently in grades 8 - 12.
3. All contestants must be enrolled in the 4-H Tractor project.
4. A separate driving course will be provided for each of the two divisions.
5. All tractors will be furnished and will have normal standard factory-installed equipment only. Contestant will not be allowed to use his/her own tractor.
6. The contestant is responsible to see that the tractor is suitable to be driven in the contest and that it's in proper condition for operation.

7. The penalty scoring system is to be used. Unanswered or incorrectly answered questions and violations of rules will draw penalty points for the contestants. In each division, the contestant who completes the course with the lowest total score and number of penalty points will be the winner.
8. In all divisions, failure to complete the driving course in eight minutes will result in the driver being waived off the course and given an "incomplete" score.
9. In case of a tie score, the tied contestants will re-drive for a new score. The tie- breaker will be based on the new driving score only.
10. Any rule or interpretation not listed here will be decided by the 4-H Tractor committee. Their decision shall be final.

Procedures-Tractor Operator's Contest

1. All participants will be scored on a written quiz, tractor operation on the course, safety while at the contest, driving time on the course.
2. Junior contestants will pull a 2-wheel trailer approximately 8 feet wide and 10- 12 feet long. Tongue length will be approximately 4 feet, as measured from the tongue's tip to the edge of the trailer's bed. Wheel location will be about the center of the bed.
3. Senior contestants will pull a 4-wheel wagon with knuckle-type radius rods (auto type) steering, approximately 10 feet in length between the axles, and 8'x14' bed and a 52" stub tongue.
4. Any stake knocked over by the contestants (with any part of the tractor or wagon) will be replaced, and the contestants must complete the obstacle until satisfactorily completed or time expires.
5. The written quiz will consist of 25 multiple choice questions and 20 points added for each question answered incorrectly or omitted. The lowest score wins.
6. Junior division questions will be taken from Supplement #1, "Questions and Answers for Junior Division Written Test." Senior Division questions will be taken from Supplement #2, "Questions and Answers for Senior Division," PLUS Supplement #1 mentioned above.
7. The driving event will be timed and will be scored on the basis of one penalty point for each second. However, other penalty points for safety violations, hit markers, etc., will be so severe that the importance of speed will be minimized.
8. Other rules will be outlined in 4-H 84 "Conducting 4-H Petroleum

Power Operator's Contest."

Procedures-Lawn and Garden (Compact Tractor) Operator's Contest

1. All participants will:
 - Take a written examination of 25 questions on small engine operation, care, maintenance and safety.
 - Identify 25 designated parts of a compact tractor.
 - Perform safety check on compact tractor.
 - Operate a compact tractor through the prescribed course. Penalty points will be assessed for errors in safety and poor operation.
2. Questions for the written examination will be taken from Supplement #3, "Questions and Answers for Compact Tractor Operators," revised 1993.
3. The driving event will be timed, and one point per second of operation will be assessed up to eight minutes. After eight minutes, the driver will be waived off the course and be given an "incomplete" score.
4. Compact tractor mowers will be right side or rear discharge.
5. Other rules will be as outlined in the "Guide for Compact Tractor Operation Event."
6. Senior Division contestants will follow the prescribed course as outlined in 5 above, except they will start backing through the serpentine course to the outlined starting position-then continue through the remainder of the course as instructed.

TRACTOR: EXHIBITS MAY ADVANCE TO STATE FAIR

VETERINARY SCIENCE

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. *A manual may be consulted for topics and is available for reference in the Extension Office.*

Veterinary Science exhibits should be educational in nature covering one or more of the topics presented in the members' manual and/or found in the 4-H Veterinary Science Leaders Guide. An educational exhibit is one that should be able to teach other people about your topic. Choose a topic you think is interesting and apply your imagination. All 4-H members developing Veterinary Science 4-H Fair exhibits should consult with their local Veterinarian for further details, helpful ideas, and additional resources for reference.

Exhibit Requirements:

Beginner: (Grades 3-5)

Poster related to topics in chapters 1, 2, or 3. Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook.

Junior: (Grades 6-8)

Poster, display, or quiz board related to topics in chapters 1, 2, or 3. Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook. Display or Quiz Board should be no larger than 36" X 36" X 36".

Senior: (Grades 9-12)

Develop and assemble a teaching aid. Display teaching aid and a 2 page typed report OR develop a project in conjunction with a veterinarian. Display the project with a report of the results, recommendations, findings and conclusions OR write a one page outline of a workshop or demonstration you presented.

VETERINARY SCIENCE: EXHIBIT MAY ADVANCE TO STATE FAIR

WEATHER AND CLIMATE SCIENCE

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging. **This project requires a manual that is available at the Extension Office.**

Create an exhibit that shows the public what you learned in the Weather and Climate Science project this year. Please refer to the general poster guidelines listed at the front of the project section of this handbook. Notebook exhibits must be displayed in a standard 3-ring binder. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title.

Exhibit Requirements:

Beginner Division (Grades 3-5)

- A poster related to an activity from the Beginner Division manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 3-5.

Junior Division (Grades 6-8)

- A poster related to an activity from the Junior Division manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 6-8.

Senior Division (Grades 9-12)

- A poster related to an activity from the Senior Division manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 9-12.
- Independent Study – Learn all you can about a weather and/or climate topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, “Advanced Weather and Climate Science – Independent Study”.
- Mentoring – Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experiment might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Weather and Climate Science– Mentor”.

WEATHER AND CLIMATE SCIENCE: EXHIBIT MAY ADVANCE TO STATE FAIR
WILDLIFE

Create an exhibit that shows the public what you learned in the wildlife project this year. Notebook exhibits must be displayed in a standard three

ring binder. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

In order for your exhibit to be judged, you must turn in your record sheet at the time of judging.

Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook before completing any poster.

Exhibit Requirements:

Beginner Division/Level 1: (Grades 3-5)

- Poster describing traits of Mammals OR Vertebrate Classes OR Bird Traits OR Fish Traits OR Herptile Traits
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 3-5

Junior Division/Level 2: (Grades 6-8)

- Poster describing a topic in Wildlife Conservation OR Careers in Wildlife OR Mammal Habitats OR Bird Habitats OR Fish Habitats or Herptile Habitats
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 6-8

Senior Division/Level 3: (Grades 9-12)

- A poster and/or notebook of a wildlife related science experiment appropriate for grades 9-12
- **Independent Study** - Learn all you can about a wildlife topic, program, facility, project, etc. and present it on a poster or in a notebook. Take care to follow all state and federal guidelines when

working with wildlife, with particular care when raising game birds, migratory birds, and endangered species. See the Indiana 4-H Wildlife project website,

[www.ydae.purdue.edu/natural_resources/4-](http://www.ydae.purdue.edu/natural_resources/4-H,NR,Projects/Projects/wildlife/)

[H,NR,Projects/Projects/wildlife/](http://www.ydae.purdue.edu/natural_resources/4-H,NR,Projects/Projects/wildlife/), for more information. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Wildlife -Independent Study"

- **Mentoring** -Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Wildlife -Mentor.

WILDLIFE: EXHIBIT MAY ADVANCE TO STATE FAIR

WOOD SCIENCE

In order for your exhibit to be judged, you must turn in your Project Record Sheet and a woodworking skills sheet at the time of judging. **A manual is required for this project, as it is State Fair Eligible. Manuals are available upon request from the Extension Office.**

Requirements

Level: Wood Science Level 1 (Grades 3-4)

Project Completion Recommendations:

Complete the activities as indicated in the manual or as specified by the County Extension Office.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed,

books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Exhibit

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W. Exhibits may also include higher level techniques that have been mastered. Any higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

Exhibit a poster on any topic covered in the Level 1 manual.

Level: Wood Science Level 2 (Grades 5-6)

Project Completion Recommendations:

Complete the activities as indicated in the manual or as specified by the County Extension Office.

Exhibit

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

Exhibit a poster on any topic covered in the Level 2 manual.

Level: Wood Science Level 3 (Grades 7-9)

Project Completion Recommendations

Complete the activities as indicated in the manual or as specified by the County Extension Office.

Exhibit

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

Exhibit a poster on any topic covered in the Level 3 manual.
Requirements

Level: Wood Science Level 4 (Grades 10-12)

Project Completion Recommendations: Complete the activities as indicated in the manual or as specified by the County Extension Office.

Exhibit

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

Exhibit a poster on any topic covered in the Level 4 manual.

WOOD SCIENCE: EXHIBIT MAY ADVANCE TO STATE FAIR

**GENERAL 4-H ANIMAL PROJECT TERMS & CONDITIONS,
PENALTIES, AND DUE PROCESS**

In the interest of all exhibitors, the 4-H program, the agriculture industry, and all breeders of livestock, the following general terms and conditions are presented to maintain, ensure and present a wholesome, high quality

educational program. As the showcase of Indiana, it is imperative to promote and allow only ethical behavior by exhibitors at the County Fair.

The 4-H Council and/or Grievance Committee matters pertaining to the policies and programs of 4-H, reserves the final and absolute right to interpret any and all terms and conditions, contained in any and all differences in regard thereto or otherwise arising out of, connected with, or incidental to the Orange County 4-H Fair. They further reserve the right to resolve unforeseen matters not covered by general or departmental terms and conditions published in the 4-H Member Handbook, to amend or add to these terms and conditions as it may determine, and to withdraw all premium offerings in all departments should an emergency exist and circumstances demand.

Fraud, deception, any prohibited activities, violations of general or departmental terms and conditions, or any activities determined to be improper or unethical by the 4-H Council shall not be allowed. Any exhibitor found in violation is subject to sanction and/or disqualification.

1. 4-H MARKET ANIMALS SHALL NOT CONTAIN any foreign substance including: drugs, steroids, or chemicals, greater than those standards established by the United States Department of Agriculture (USDA) or the Food and Drug Administration (FDA) as permissible for sale for consumption as human food both on day of show and at harvest. Test samples collected for 4-H animals shall be free of any foreign substance, including steroids, drugs or chemicals affecting the central nervous system (for example, stimulants, depressants, or painkillers).
2. Drugs may not be administered to 4-H animal exhibits at the County Fair except those administered by a veterinarian. A veterinarian is permitted to treat animals for illness but is not permitted to treat lameness and/or unsoundness cases related to an animal's movement. All treatments performed by a veterinarian shall be reported to the respective committee chair person provided by the County Fair within 24 hours of treatment.
3. Exhibitors whose animals test positive for any drug or foreign substance in violation of these terms and conditions shall be disqualified and forfeits all entry and other fees, trophies, and

awards. Furthermore, the exhibitor shall be barred from competition at County Fair for a period of one year including the following County Fair.

4. The Inc. Board and/or 4-H Council reserve the right to examine, test and/or search any 4-H animal exhibit or area for tampering, altering, misrepresentation, unethical fitting, natural or foreign substance, to **include, but not limited to artificially introduced air, blood, oil, drugs, steroids, or chemicals.** The submission of any 4-H entry by an exhibitor expressly grants the 4-H Council the right to conduct such test. Any animals found suspect may be impounded for testing. Refusing such tests shall serve as a prima facie case that a violation has occurred. **A violation may result in one, all, or a combination of penalties listed under PENALTIES in the DETERMINATION OF VIOLATION OR TERMS AND CONDITIONS OF PROGRAMS FUNDED BY THE ORANGE COUNTY 4-H COUNCIL.**
5. An exhibitor may not take exceptions to the decision of an official and/or judge in an unprofessional and/or public manner. Nor shall any exhibitor or person representing the exhibitor, interfere with or show disrespect to any judge or show official.
6. Interpretation of any term or condition, policy, the code of ethics or prohibited activities contained in the County 4-H Member Handbook, including the assessment of any violation and/or penalty to be imposed against a 4-H member, shall routinely involve an Orange County 4-H Extension Educator and the 4-H Council. The Extension Educator and 4-H Council may confer and impose penalties at the same time, and their decisions regarding penalties may be separate and independent.
7. 4-H animals exhibited after the state animal enrollment deadline (May 15th for all animals) at any show by anyone other than the person listed on the Indiana State 4-H Animal Enrollment Form will not be eligible to be shown in the respective 4-H animal show at the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing Indiana State Fair eligibility. This policy applies to ALL 4-H animal projects. For animal projects without enrollment forms, the person who enters them in the Indiana State Fair 4-H Show is the equivalent of the enroller of the animals.

Determination of Violations of Terms and Conditions of Programs Funded by the Indiana State Fair Board

The Director of Purdue Extension and/or the 4-H Council Grievance Committee assigned by the 4-H Council to the department where a violation of any term or condition established for the Fair is reported to have occurred, prior to, during or after judging shall make an initial determination as to whether a violation has occurred.

The 4-H Council consultation with the Director of Purdue Extension shall, upon determining a violation has occurred, make a determination as to the appropriate penalty to impose upon the violating person(s). The 4-H Council may choose to impose one, all, or a combination of the following penalties:

PENALTIES:

The exhibitor in question is disqualified and forfeits all entry and other fees and all premiums, trophies, and awards from the department.

1. Any or all Fair premiums, trophies and awards won by exhibitor in any and all Fair departments shall be withdrawn and required to be returned to the Fair.
2. The exhibitor and his/her immediate family will be barred from competition at the Orange County 4-H Fair for a determined period that may include a lifetime suspension of the competition.
3. The exhibit will not be sold in the 4-H Livestock Auction.
4. In case of an exhibit already sold at the 4-H Livestock Auction, the exhibitor shall refund and return all sale proceeds in excess of market value to the auction committee. At the discretion of the Orange County 4-H Council, the money will be returned to the sale buyer or otherwise donated to the 4-H Council Donation Account.

Due Process for Programs Funded by the Orange County 4-H Council

The following due process and right of appeal shall be followed for actions pertaining to programs funded by the Fair Board. The due process for actions arising out of violation of statewide 4-H policies and programs including Orange County 4-H Fair eligibility of 4-H members should refer to 4-H due process later in the section.

1. The 4-H Extension Educator shall notify the exhibitor in writing of the violation and penalty imposed within 3 to 5 days of the determination of a violation.
2. Within 3 to 5 days of receipt of written notification, the exhibitor may appeal the decision in writing to the Orange County 4-H Council. The written appeal must be delivered to the office of the Extension Educator within 5 days.
3. Within 5 days of the receipt of written appeal, the Council may rescind his/her initial determination. The Orange County 4-H Council may subsequently make no further remedy available upon the recession of the initial determination.
4. Should the Council take no action on the appeal within 5 days from the date of receipt in the Extension Office, a date will be set by the Grievance Committee for a hearing on the appeal and the exhibitor will be notified in writing.
5. The Orange County 4-H Council shall appoint a committee from its membership to conduct a hearing of the appeal as the sole hearing officer or the board may sit as a whole, excluding the affected department director, with the hearing officer presiding.
6. Within 15 days of the conclusion of the hearing, the hearing officer shall submit to the Board his/her findings and a recommended final determination as to the reported violation(s), penalties and the exhibitor's appeal.
7. Upon receiving the recommendations of the hearing officer, the Board shall act upon the recommendation and adopt a final determination at its next regularly scheduled meeting. The exhibitor will be given a written copy of the Board's adopted findings and final determination.

Fraud and Deception

Fraud and/or deception will not be allowed relative to 4-H exhibits. Fraud and/or deception being defined to include, but not limited to, the following:

1. *TAMPERING (ALTERING) AND/OR MISREPRESENTATION* relative to an animal's breeding, age, ownership, and/or method of preparation

- or completion;
2. **UNETHICAL FITTING OF ANIMAL EXHIBITS** considered as consisting of administration of any substance or performance of any surgical procedure, altering the animal's conformation and/or rendering its tissues unfit for human consumption at the time of exhibition or subsequent slaughter, temporary alterations of the animal's conformation by forcing fluids or drenching with any substance. Exceptions include hoof trimming; dehorning; removal of hair; manipulation of normally attached hair; and, treatments of surgical procedures applied to relieve pain and suffering of a sick or injured animal, providing such treatments do not render the animal's tissues unfit for human consumption.

Determination of Fraud and Deception

1. Council to determine if fraud and deception have occurred. This decision will be final.
2. The top five places in each livestock class and any suspect animals may be required upon conclusion of judging to submit to examination or tests as prescribed by the Orange County 4-H Council
3. If the official determines that fraud and deception have occurred, the result will be immediate disqualification by the chairman in charge of that department. This decision will be final.

Penalty for Fraud and Deception

Upon determination that fraud and/or deception has occurred prior to, during, or after judging, ANY ONE OR MORE of the following penalties shall be imposed:

1. The exhibit in question will be immediately disqualified (*Reference Determination of Fraud and Deception*)
2. The exhibit will not be allowed to be sold in the livestock auction
2a. In the case of an exhibit already sold at the livestock auction, exhibitor will be required to refund/return all sale money in excess of market value to the 4-H Livestock Auction Committee; at the discretion of the Orange County 4-H Council, the money will be returned to the buyer or otherwise donated to the 4-H program. (*Note: Placings of other exhibits will not be adjusted as a result of*

the imposition of this penalty.)

3. Any or all of the exhibitor's other 4-H exhibits may be disqualified.
4. Any or all premiums, trophies, and awards won by the exhibitor in any or all departments will be withdrawn and required to be returned or refunded to the 4-H Council.
5. The 4-H exhibitor and/or his/her immediate family members will be barred from competition at the Orange County 4-H show for up to three years.

Due Process for Fraud and Deception

The assessment of any or all penalty(s) for fraud and/or deception, excepting immediate disqualification (*Reference Determination of Fraud and Deception*), shall follow the below listed processes:

1. The 4-H Council will determine which penalty(s) to impose.
2. The exhibitor will be notified in writing of the penalty(s) imposed.
3. Within 15 days of receiving written notification, the exhibitor may appeal the decision in writing to the Orange County 4-H Council.
4. A date will be set for a hearing by the Orange County 4-H Council, and the exhibitor will be notified in writing.

APPEALS FROM DECISIONS OF JUDGES:

1. The right of an exhibitor to appeal the decision of a judge will exist only when it is charged that the award has been made in violation of the terms and conditions governing the exhibit, or when it is charged that the decision of the judge has been influenced or interfered with by another.
2. Appeals from the decision of a judge must be made in writing and must contain at least one specific charge, stating at length the facts relied upon and the terms and conditions violated and naming witnesses, and their address, by whom proof is to be made.
3. The appellant must give verbal notice to the Chair of the Committee in which the judging occurred and the 4-H Educator, (in case involving 4-H exhibit) within two (2) hours of the judging.
4. Grievance committee (or designee) shall notify the exhibitor verbally within two (2) hours after filing, and in writing within 15 days of receipt of the appeal as to their findings and actions resulting therein.

5. The exhibitor shall have the due process rights consistent with the due process section of the Handbook.

LIVESTOCK COMMITTEES (EXCERPT FROM BY-LAWS)

- A. Structure of 4-H Livestock Committees
 1. Each committee will consist of a Chair, Vice Chair and at least 3, but no more than 10 committee members, including the chair and vice chair.
 2. Committees shall meet in person at least two (2) times per year, not including the annual program de-brief. Committees will also hold at least one animal-related event outside of fair for 4-H members (e.g. workshop, field trip, information meeting, etc.)
 3. All committee members shall attend the annual program de-brief. Committee chairs shall present a livestock species report regarding the successes of their livestock area throughout the year.
 4. The Orange County 4-H Council will serve as the parent organization for each 4-H Livestock Committee's finances. Each livestock committee will report their annual finances to the 4-H Council for inclusion in the Council's annual filing with the IRS. Specific reports and due dates required of the 4-H Livestock Committees will be determined by the 4-H Council.
 5. Each 4-H Livestock Committee may maintain its funds within a line-item of the existing 4-H Council budget.
 6. Fund raising efforts for each 4-H Livestock Committee must have prior approval of the 4-H Extension Educator and 4-H Council.
- B. Selection of Committees
 1. Any approved 4-H volunteer may indicate his or her interest in serving on a 4-H Livestock Committee by checking the appropriate box in 4HOnline. The 4-H Extension Educator will approve those who will serve as a member of each 4-H Livestock Committee and notify all who have indicated an interest in serving of the final list of committee members for the year. All committee appointments are renewed annually. Chair and Vice Chair positions will be elected to a term of two (2) years. If the Chair and Vice Chair

positions of a committee are uncontested, they may continue serving in that capacity for the duration of another term.

2. An individual interested in serving as committee chair or vice-chair will complete an application and turn it in to the extension office two (2) weeks prior to the annual program de-brief. The 4-H Extension Educator may conduct interviews with any applicants and will be reviewed annually. [Applications available upon request from Extension Office]
 3. The 4-H Extension Educator will present the applications to the committees with their recommendation at the Annual Program De-Brief for the election of Chair and Vice Chair positions. Quorum of each committee must be present to hold elections.
 4. Final appointments to committees will be approved by 4-H Council if needed.
- C. Committee Roles
1. Committee Member
 - a. Attend at least one in person meeting related to the 4-H Livestock Committee per year. Failure to attend at least one meeting each year will result in review by the 4-H Extension Educator for possible dismissal.
 - b. Commit to at least one role that will take place during or prior to the fair. Roles include, but are not limited to: Animal ID Day, Animal Check-in, Show, Twice Daily Health Checks of all animals in species during fair, and Animal Check-out. Additional roles may be determined by each committee.
 - c. Committee members must be approved 4-H volunteers, appointed to serve at the discretion of the 4-H Extension Educator.
 - d. Provide resources, assistance and support to all 4-H members participating in animal projects.
 - e. Ensure the health and safety of all 4-H members and animals at all livestock-related functions. Make emergency recommendations to 4-H Council when necessary.
 - f. Attend the annual program de-brief.

- g. Consider and propose revisions to respective sections of the 4-H handbook and record sheets when necessary. Revisions are submitted to the Orange County 4-H Council for final approval by completing a handbook revision form (available at the extension office).
 - h. Optional: Award outstanding 4-H members in respective species prior to livestock auction or at achievement awards program.
2. Committee Chair
- a. Coordinate, communicate and attend livestock committee meetings (2 per year minimum, plus de-brief). Committee Chairs do not vote on committee matters unless to break a tie.
 - b. Communicate with all members of committee regarding meeting dates, animal health information and any issues that may arise. This includes delegation of tasks and the coordination of committee members' obligations and roles during and prior to the fair.
 - c. 4-H Council and Incorporated officers may not hold a committee chair position during their term as council or incorporated officer, but may serve on a committee or as vice-chair.
 - d. Be present and assist at Animal ID Day, Animal Check-in and Animal Check-out, as well as livestock shows.
 - e. Coordinate with the extension office to approve show bills prior to shows.
 - f. Tag all pens for animals that have a paid stall deposit turned in. Check stalls upon animal check-out for cleanliness and let the Extension Office know of any 4-Hers who have not cleaned stalls per the stall deposit form.
 - g. Present a species report at the annual program de-brief.
 - h. Represent the committee at necessary meetings and events throughout the year.
3. Committee Vice-Chair

- a. Preside over meetings in the absence of the committee chair and assist the chair with responsibilities aforementioned.
- b. Be present and assist at Animal ID Day and Animal Check-in, as well as the livestock show.
- c. Coordinate with auction committee to ensure information is correct and destinations of animals going to market are confirmed.

GENERAL RULES FOR ORANGE COUNTY 4-H LIVESTOCK EXHIBITORS

1. During the fair, all animals must report to their respective weigh-ins at the times designated on the fair schedule. The roads around the livestock barns are for loading and unloading only, NO MORE than 15 minutes. Handicap Parking is allowed in the designated areas.
2. **To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals.** This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that:
 - a. Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors.
 - b. Animals from youth livestock programs are treated with the utmost care.
 - c. 4-H members are contributing to a safe, wholesome food supply.
3. Each exhibitor will wear the shirt provided by 4-H Council, long pants, and closed-toe shoes while in the show ring. There will be

no hats of any kind allowed in the show ring. *Exceptions:* poultry and rabbit exhibitors are encouraged to wear long sleeved shirts under their 4-H shirts for showing their animals to avoid scratches. Dairy exhibitors may wear white. Horse & Pony members are expected to wear appropriate western or English attire while in the show ring (except for gaming classes), and are required to wear an approved helmet when riding.

4. While kids helping other kids and other 4-H parents/guardians helping new 4-H'ers and/or parents are strongly encouraged, professional fitters will not be allowed in the barn, holding chute, and/or at the show ring. Anyone violating this rule will be asked to leave immediately.
5. At the Orange County 4-H Fair, the 4-H animal's exhibitor may receive CLIPPING AND GROOMING ASSISTANCE from other 4-H'ers and their immediate family only, which is defined as father, mother, stepfather, stepmother, legal guardian, brother, sister, stepbrother, stepsister, grandfather, step-grandfather, grandmother, step-grandmother, aunt or uncle or from another current Orange County 4-H exhibitor. Guardianship granted on a temporary basis for the purpose of circumventing these terms and conditions will not be recognized as "family". Grooming assistance may also be allowed by an official committee member (all required volunteer paperwork has been turned in and is on file in the Extension Office, as well as volunteer enrollment in said committees in 4-HOnline) of the respective species. All official animal committee membership lists will be posted in the Livestock Barn during fair.
6. All livestock exhibitors shall conduct themselves in a proper manner that shows the high standards and good citizenship expected of a 4-H member. Any disciplinary problems will be dealt with accordingly by 4-H Council.
7. Parents/guardians will be held responsible for any misconduct and damage that results from the child's actions.
8. If behavior problems occur, the parents/guardians of the child/children involved will be called to escort their child home.
9. All male animals are to be neutered before the fair, with the exception of Cats, Dogs, Poultry, and Rabbits. Partial or failed castration will be unacceptable and these animals will NOT be

- allowed to show and may be removed from the fairgrounds.
10. 4-H members may be required to purchase ear tags at weigh-in.
 11. All 4-H exhibitors must be in their animal's area, ready to show at the time the show begins.
 12. All animals exhibited by 4-H members must be owned by the 4-H member or their immediate family. Only in the case of a horse or a dairy heifer may an animal be leased from an outside party. If you are leasing a horse or dairy heifer, completed Animal Lease Agreement forms must be turned in to the Extension Office by May 1st.
 13. Once an animal is weighed and entered it will not be allowed to leave the fairgrounds until the end of the last livestock show of the County Fair, unless otherwise specified in the handbook (*see rule 24 listed below regarding Swine*). Members with animals housed in the Livestock Barns will forfeit stall deposit fees for those specific species leaving the grounds early without approval (for example, if you have sheep and chickens at the fair, and take your chickens home before the official release time, without the proper approval, 4-H Council would retain \$25 poultry stall deposit). In the case of extreme heat, or other extenuating circumstances, the respective animal committee chairperson, with the approval of 4-H Council, may release animals earlier.
 14. All judges will be obtained and hired by the Extension Office. Names of judges will not be released to anyone, including committee members, until day of show.
 15. Show bills are only allowed in the show ring by committee members recording results and lining up show orders.
 16. At NO time should a committee member, volunteer, or any other adult handle any 4-H member's animal once it has entered the show ring, UNLESS an animal becomes unruly and is a danger to 4-H members or other animals in the ring, or it is no longer under the control of the 4-H member. The 4-H member is responsible for handling their animal at all times.
 17. All animal shows will use a 1st – 6th placing system EXCEPT Poultry, which will be judged by the Danish System (every bird will be given a blue, red, or white placing, with the top two birds in each class being awarded Champion and Reserve Champion). Mini 4-H members will all receive the same distinct ribbon for participation

- in animal shows.
18. All 4-H members are to provide their own food and water receptacles during the fair. Bedding will be provided and will be available on the grounds. **Water must available to animals at all times.**
 19. In order to sell an animal in the 4-H Livestock Auction, a 4-H member must have participated in the respective show and completed all 4HOnline and FairEntry requirements by the deadline.
 20. Turn in completed project record sheet during your animal check-in at the fair. You must turn in your completed record sheet on time to be eligible to show your animals at the fair.
 21. 4-H members showing their animal, judges, and the appointed ring helpers shall be the only people allowed in the ring during the show.
 22. If a 4-H member has more than one animal in a class, they will need to recruit another regular Orange County 4-H member to show the second entry.
 23. All animals MUST be in the possession and under the care of the 4-H member by animal ID day or May 1st which ever date comes first.
 24. All Swine must be on the grounds by the designated check-in time on the fair schedule. **All swine going home must leave immediately after the Swine show. All other swine going to processing will leave the fairgrounds based on the schedule arranged with the processor.**
 25. All exhibitors will wear the exhibitor number provided by 4-H Council during their respective animal shows. These exhibitor numbers MUST be turned back in or the member will incur a \$5 replacement fee. This fee must be paid before your stall deposit will be released.
 26. All animals (with the exception of Rabbits, Poultry, Cats, and Dogs) must be registered in 4HOnline by May 15th of each year.
 27. On the day of a show only the species showing that day can be at the wash rack after 10:00 am until after the show(s) of that day.

Death of an Animal

The 4-H'er may complete his/her record sheet and exhibit a poster as an alternative if the 4-H animal of any species should die after May 1st. After this deadline the animal cannot be replaced. **All animal posters should be turned in during non-animal project check-in to be judged.**

Substitute Showman

Exhibitors having an entry in animal classes are expected to show their own animals. In cases where this cannot be done, the owner may request a substitute showman. Substitute showmen must be approved in writing by the 4-H Council prior to showing of the animal(s) needing a substitute showman. Requests will only be granted for medical issues, conflicts with showing other species, or extenuating circumstances deemed unavoidable by the 4-H Council. Failure to be excused from a job and/or participation in a sporting event or sports practice will not result in a substitute showman being granted.

Animal Care and Animal Environment Policy

To ensure that Orange County 4-H animals exhibited at the Orange County 4-H Fair are in a clean and healthy environment, the following procedures have been established to promote proper animal care and to ensure the best environment for the 4-H animals and for the viewing public.

1. Pens, stalls, and aisle ways will be checked by the respective animal committee chairperson from 11:00am-12:00pm each day. Pens should be cleaned and animals should be fed/watered by 10:00am each day.
2. If an exhibitor is in doubt of how he/she is to keep his/her area, he/she should ask someone on the appropriate animal committee.
3. Aisle ways are to be cleared of any straw, bedding, feed, moisture, etc. and swept/shoveled.
4. Pens and stalls are to be clean, dry, neat, free of debris, and bedded (but not over bedded) at all times. A \$25 stall deposit will be collected per species. The deposit will be refunded after all of an exhibitor's pens and stalls are cleaned at the end of the fair, and if the exhibitor's stalls are kept clean and neat throughout the entire Fair Week. If your pen and area are not kept clean and

animal(s) not watered by 10:00am each day, you will forfeit \$5/day per for each specie in question throughout the fair. Pens and stalls must be cleaned before the animal(s) are removed from the fairgrounds or you will risk losing your entire deposit for that species. If animals are removed from the Livestock Barn before the designated time, you will forfeit your ENTIRE stall deposit for that specific species. Any cash stall deposit that is NOT picked up in the Extension Office by January 1st will be forfeited and deposited as a donation to 4-H Council. Checks written for stall deposits that have not been picked up by January 1st will be shredded.

5. Each exhibitor is responsible for cleaning his own stall or pen after the Fair and tearing down and storing materials and equipment, where needed.
6. Each exhibitor must cleanup tie out areas if used.
7. Animals must be fed daily and watered often throughout the day, for the entire duration of the fair, until your last animal has left the premises.
8. 4-H members are expected to check on the condition of their animals often throughout the day.

4-H Members Not Providing Adequate Care For Animals

If the appropriate animal committee chairperson determines there is a lack of care for a 4-H animal and that an unhealthy environment is present at the 4-H Fair, the following policy will be followed:

1. The 4-H member will receive a verbal reprimand by the respective animal committee chairperson.
2. The chairperson will attempt to contact one of the following: the 4-H'er, parents/guardian, 4-H Club Leader, a representative of 4-H, or the Extension Educator of the situation.
3. The 4-H member will receive a written notice regarding the lack of adequate animal care.
4. The 4-H member will correct inadequacies IMMEDIATELY.
5. If there continues to appear to be a lack of care for the 4-H animal, the 4-H member will be given 1 notice, on the 2nd notice, they will be asked to load and leave the grounds by the Livestock Committee.
6. If the 4-H member is not participating in the 4-H Livestock Auction and

their animal is not receiving adequate care, the 4-H member will **NOT BE ALLOWED TO PARTICIPATE IN THE PROJECT THE FOLLOWING YEAR OF THE RESPECTIVE SPECIES.**

Animal Check Out Procedure

Animal care continues with clean-up of all pens/stalls. Each species will have a check out procedure.

1. All non-auction animals will be dismissed from the barn on Thursday night of the county fair, after the last livestock show. You **MUST** take all non-auction animals home at this time. **Swine that will be going home MUST leave the fairgrounds immediately after the Swine Show. Any swine going to a processing plant will leave according to the schedule arranged with that processor.**
2. The 4-H member must contact a respective Livestock Committee member to check their animal pens (this will include pen areas and the area after the auction). The committee member will verify the clean-up and release the information to the Barn Committee Chairperson.
3. The Barn Committee will have a Master list that each 4-H member must sign prior to removing their animals and/or tack from the 4-H grounds. After the 4-H member participates in the Livestock Auction, they are to return to the barn and clean up. A Barn Committee member must verify (initial the Master List) that they assisted with the clean-up after the Auction.

Orange County 4-H Livestock Auction Rules

2021 4-H LIVESTOCK AUCTION FRIDAY JULY 17th, 10:30 A.M.

Auction Committee: Jennifer Keller, Jim Padgett, Shannon Salmon, Miya Scott, Leslie Padgett, Kristen Bishop

1. Animals will be allowed to sell in the auction only if Fair Entry Forms, 4-H records and all project requirements established by the 4-H Council are completed by the Deadline date set by the Extension Office.
2. **A 4-H member may sell a maximum of one exhibition in the auction. These animals will be a limit of one from any of the following species; beef or dairy, swine, sheep, goat, poultry and rabbits.**

3. To qualify for participation in the 4-H Livestock Auction, the 4-H animals must meet the following weight limits: Hogs minimum 200 lbs.; Sheep, 70 lbs. and up; Market Beef and Dairy, minimum of 900 lbs.; Miniature Cows 400 lbs; Goat, minimum of 50 lbs. and less than 1 year old.
4. No feeder calves will be allowed to sell at auction.
5. Market beef animals tagged and weighed in January are the only beef animals eligible to be sold in the auction.
6. The deadline to inform the 4-H Livestock Auction Committee of the animal you'll sell will be when the picture is taken with your auction animal is Monday at noon. If you change the animal to sell in the auction, you'll be responsible for the \$25.00 fee associated with this change.
7. All animals in the auction will be available for buyers to bid a **premium** on that animal. The premium does not include ownership of the animal or destination decisions at the time of purchase. Each premium will be paid by the buyer to the Auction Committee and will then be paid to each 4-Her.
8. **There will be no market truck for any animals.** All marketing and processing must be pre-arranged by each 4-Her for all their animals. Each 4-H Livestock committee will have a Processing Liaison who will track the destinations of all animals in the species to ensure no animals are left at the fairgrounds and to coordinate potential buyers with available animals.
9. Each 4-H member will be randomly selected at weigh in for placing in the order of sale for each species to be sold at the auction. The Auction Committee will be in charge of the random selection. If Grand Champion or Reserve Grand Champion animals do not sell, another market animal of that 4-H member's may be substituted.
10. Any sale animal led or driven into the auction ring must sell.
11. At the time of auction, no animal will be allowed to re-enter the sale ring. Once the animal has left the sale ring, the sale is final.
12. Any injury that affects mobility and/or carcass quality will not be allowed to sell.
13. 4-H members **MUST** accompany their animals into the auction ring with the exception of a medical excuse.
14. All auction participants **MUST** be in their animal's area, ready to sell, at the time the auction begins.

15. Animals to be sold will be weighed under the supervision of the 4-H Auction, Beef, Dairy, Sheep, Swine, Poultry, Goat, and Rabbit Committees. All animals will be subject to be spot checked on weight. If significant weight differences are found, all weights will be adjusted, or all animals will be re-weighed for auction.
16. All animals will be identified with ear tags, leg bands, or tattoos, depending on the species.
17. The species sale order for the 2021 Auction will rotate to Sheep (1st), Dairy (2nd), Poultry (3rd), Goats (4th), Beef (5th), Swine (6th), and Rabbits (7th)
18. Grand and Reserve Grand Champions will sell first and second respectively within each species. Auction fees of 5% for all species of the gross sale price will be collected to cover the costs of trucking, advertisement, check-off, and improvements to the 4-H Livestock Show facilities.
19. Buyers of animals at the auction will make checks payable to the 4-H Auction Committee. The Auction Committee will then issue checks to the 4-H Livestock Exhibitors.
20. The Auction Committee will be available to settle all disputes, and their decision is final.
21. The bidder awarded the final bid for animals purchased will be responsible for settling with the auction committee for **ALL** of those animals.
22. All non-auction animals should be removed from the premises after the final 4-H species show.
23. Auction checks will be available for 4-H members to pick up at the fairgrounds on the date that is announced via the web page and/or Facebook. Any check remaining after this date will be mailed. All 4-H members are expected to send each buyer a "Thank You" note, in a Timely Manner. "Thank You" cards will be available at the auction.
24. Swine members will be present in the auction ring, but all swine will be OFF of the fairgrounds at the time of the auction.
25. All auction participants will wear their 4-H shirts in the auction ring, and for auction pictures.
26. No animals will be allowed to dress-up for the auction.

4-H ANIMAL HEALTH REQUIREMENTS

GENERAL BOARD OF ANIMAL HEALTH REQUIREMENTS

All exhibitors must remove from the premises any animal that exhibits symptoms of disease that may be infectious or contagious when requested by the Indiana State Veterinarian or his agents. Failure to meet all health requirements will result in removal of animals presented by an exhibitor.

A. Limitations on Exhibition

This section describes limitations on exhibiting animals in Indiana. There may be other exhibition limitations that are described in the specific species requirements.

1. **Failure to meet all health requirements will result in removal of animals from the exhibition premise.**
2. The following animals are not eligible for exhibition in Indiana:
 - a. Animals that originate from a herd that is under quarantine.
 - b. An animal prohibited from exhibition under any law or order
 - c. Any animal classified as a brucellosis “suspect.”
 - d. Animals showing symptoms of any infectious or communicable disease or that is otherwise a health hazard to persons or other animals.
 - e. Any animal that does not meet state animal health requirements.
3. Any animal that develops or shows signs of any infectious or communicable disease during exhibition must be removed from the premise including the surrounding exhibition grounds. An owner that is disputing the exclusion of their animal from exhibition may not exhibit the animal in question pending any appeal.

B. Certificates of Veterinary Inspections

1. **For animals that originate in Indiana,** the Indiana State 4-H

- Program and/or the Orange County 4-H Council reserves the right to require a certificate of veterinary inspection (CVI).
2. **For animals that originate outside the State of Indiana**, the exhibitor must have a properly completed official certificate of veterinary inspection (CVI, commonly known as “health papers”) for the animal. This CVI requirement applies to all domestic animals (except for fish).
 3. A certificate of veterinary inspection on any animal coming from outside Indiana for exhibition in Indiana is valid for 30 days from the date it is issued by a veterinarian.
 4. Certificates of veterinary inspection accompanying animals for exhibition must be completed by a licensed and accredited veterinarian who has personally inspected the animals. CVIs must clearly include a description of each animal including the age, sex, and breed of the animal, and the official, individual certification.
 5. Out-of-state swine and cattle attending an Indiana exhibition must have a pre-entry permit number noted on the certificate of veterinary inspection. Permits are available online at: <http://www.in.gov/boah/2661.htm>.
 - a. Certificates of veterinary inspection for all out-of-state swine and cattle going to the Indiana State Fair must have the import permit number for the current year (for instance “INSF16” for 2016)
 6. Out-of-state poultry and hatching eggs attending an Indiana exhibition must be accompanied by one of the following documents:
 - a. An official certificate of veterinary inspection completed by a licensed and accredited veterinarian within 30 days immediately prior to the animals entering Indiana.
 - b. If the poultry or hatching eggs are from a flock participating in the National Poultry Improvement Plan (NPIP), they may move with the appropriate NPIP inspection/testing/participation certificate or records.
 7. A copy of the official certificate of veterinary inspection for each animal exhibited must be on file at the State Veterinarian’s office prior to the opening day of the exhibition.

A certificate of veterinary inspection on any animal coming from outside Indiana for exhibition in Indiana is valid for 30 days.

C. Identification

All exhibition animals must be permanently and individually identified by an acceptable method. Acceptable methods vary by species but may include an ear tag, legible tattoo, standard ear notch, leg band, and individual brand or breed registration number.

Each animal will be assigned to a specific 4-H member, not a family.

Official identification required for specific species of livestock exhibited at the Orange County 4-H Fair and the Indiana State Fair are as follows:

- **Beef and Dairy Beef Steers** – 840-RFID tag AND 5-digit county tag AND *DNA hair sample
- **Commercial Heifers** – 840-RFID tag AND 5-digit county tag AND *DNA hair sample
- **Registered Heifers** – 840-RFID tag AND tattoo AND *DNA hair sample
- **Market Lambs** – 840-RFID tag AND 5-digit county tag AND *DNA hair sample
- **Commercial Ewes** – 840-RFID tag AND 5-digit county tag AND farm/flock tag, AND *DNA hair sample
- **Registered Ewes** – 840-RFID tag AND Tag from registration paper AND *DNA hair sample
- **Swine** – 840-RFID (county combined) tag, ear notch AND *DNA hair sample
- **Dairy Cattle** – 840-RFID tag AND registered name and number and DNA Hair Sample*
- **Meat Goat Wethers** 840-RFID Tag AND 5-digit County Tag AND *DNA Hair Sample
- **Market Goat Does** – 840-RFID Tag and 5-digit County Tag and *DNA Hair Sample
- **Boer Goat Females Unregistered** – Tattoo **OR** 5-digit county tag AND *DNA hair sample
- **Boer Goat Females Registered** – Tattoo AND *DNA hair sample
- **Dairy Goat Females** – Tattoo (microchip can be used in

conjunction) **OR** 5-digit county tag

- **Dairy Goat Wethers** – 5-digit county tag **OR** tattoo
- **Pygmy Goats** – Tattoo **OR** microchip **OR** 5-digit county tag **AND** scrapie tag
- **Horse** – Color picture showing face and all four feet

*DNA samples are only required for animals being exhibited at the Indiana State Fair.

D. Testing

All tests required for exhibition at the Indiana State Fair must be conducted at the Animal Disease Diagnostic Laboratory (ADDL) at Purdue University, a laboratory approved by the Indiana Board of Animal Health, or a state-federal-approved laboratory.

BEEF

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. PLEASE READ AND FOLLOW ALL 4-H ANIMAL GENERAL TERMS& CONDITIONS,RULES,REQUIREMENTSANDPOLICIES
2. **Cattle from Indiana** do not need a brucellosis test or a tuberculosis test for exhibition in Indiana.
3. The following **out-of-state cattle** must test negative for **tuberculosis** within 60 days prior to the date of arrival to the exhibition:
 - a. All sexually intact female dairy cattle that are six (6) months of age or older that will be sold or otherwise not removed from the state within ten (10) days of the fair.
 - b. **Cattle from states that are not designated tuberculosis free by the U.S. Department of Agriculture (as of November 2010: Michigan, California, Minnesota, and New Mexico)** must meet additional requirements for entry into Indiana. Contact the Indiana Board of Animal Health for specific information at 1-877-747-3038, extension 315.
4. **Cattle from outside the state** do not need a brucellosis test as long as the state of origin is classified as brucellosis free by the United States Department of Agriculture.

5. All cattle, including Indiana cattle, that are to be offered for sale at the exhibition must have the necessary testing and other requirements completed within 30 days prior to the sale date.
For more information on cattle health requirements, call the Indiana Board of Animal Health at (317)-227-0315.
6. Any calf that cannot be led into the show ring by the 4-H member will not be shown, considered for placing, or sold at the 4-H auction. The 4-H Beef Committee has the authority to order removal of any uncontrollable animal from the 4-H fairgrounds at any time. If an animal gets away from the exhibitor three times in the same class the exhibitor will be asked to leave the ring with the animal.
7. Maximum number which a 4-H'er may show at the Orange County Fair: **Beef Steers – 2;; Beef Heifers – 4; Beef Cow-Calf pairs – 1; Feeder Calves – 2**
8. It is the responsibility of the 4-H member to attend to all the testing and veterinary services to prepare for the fair.
9. No beef animal will be allowed to show with horns because of the safety factor for both the 4-H'ers and their animals.
10. No artificial filling or forcing of fluids into beef animals will be allowed.
11. False switches and the use of artificial hair on the beef animals are prohibited. Only natural growing hair in its original location is allowed.
12. Steer classes will be established by the breed and weight of the animal. Registered heifer classes will be by breed and age, and Commercial Heifer classes by weight. Classes will be determined after weigh-in at the fair.
13. No steer shall be allowed to show in the steer class that weighs less than 900 pounds at the designated fair weighing time with the exception of miniature cows. Animals weighing less than 900 pounds will be shown in all breeds/commercial feeder calf class. Any calf showing in the feeder calf class will not be eligible to show for Grand Champion Steer.
14. All steers and commercial heifers will be in the Rate-of-Gain contest sponsored by the Orange County Cattleman's Association. Steers and heifers must be weighed in before and at the Fair on the designated dates. A Grand and Reserve Grand will be awarded for both steers and heifers.
15. **All 4-H steers and commercial heifers must be enrolled at the County Extension Office by May 15th.** Beginning weight and identification by

ear tag (to have been done by the 4-H Beef Committee) must be recorded on the beef enrollment form at the time of the enrollment. Registered breeding heifers must be enrolled and identified by registration number or dam's registration number, by May 15th. Registered heifers must have registration papers in order to show in the Orange County 4-H Fair.

16. All animals must be under the care and supervision of the 4-H'er at the time of enrollment.
17. Breed classification for all heifers is determined by their respective beef breed association. The minimum breed percentages are: Aberdeen Angus, Charolais, Hereford, Polled Hereford, Red Poll, and Santa Gertrudis-100%; Shorthorn and Polled Shorthorn-93.75%; Limousin, Maine-Anjou, and Simmental-75%; Salers-50%; Chianina-registered.
18. Aberdeen Angus, Chianina, Red Poll, Shorthorn, Polled Shorthorn, Maine Anjou, and Simmental Steers and Heifers must be registered with their respective breed associations in order to show in that respective breed class.
19. To be eligible for the Cow-Calf Class, the beef cow must have been shown previously as a heifer by that 4-H member at the Orange County 4-H Fair.
20. A steer or heifer enrolled in a particular breed may be changed to commercial at the fair weigh-in. This can only be done provided (a) the heifer was tagged at the county weigh-in date set by the 4-H Beef Committee; (b) the heifer is a breed for which no separate County Fair class is offered, or (c) the County Fair required higher percentage for showing in the breed than the breed association required for securing registration papers. Steers and heifers must meet the deadlines and identification requirements listed above.
21. All beef Cow-Calf pair breed champions will compete for Grand Champion Beef Cow-Calf pair. All beef heifer breed champions will compete for the Grand Champion Beef Heifer. There will be no Supreme Champion Beef Female, and thus, the Cow-Calf pair will never compete against the heifers.
22. Animals shown at other shows, after the official 4-H enrollment date deadlines, under different ownership will not be eligible to show as a 4-H project at the Orange County 4-H Fair.
23. Heifers must be 7-22 months old in order to be eligible to show in the

Heifer classes

24. All cattle must have an approved USDA tag (840 tag, NUES tag or official USDA program tags)
25. 4-H Beef cattle will be released to tie-outs at 9:00pm each evening of the fair. All cattle are to return and be stalled in the cattle barn by 7:00am each morning.
26. 4-H'er and parents/guardian acknowledge that they have read and accept the general livestock rules and the beef project rules and will abide by them (This is completed through the enrollment process on 4HOnline).
27. Cattle must not go to the wash rack during any other animal show being held in the Show Arena.
28. **To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals.** This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply.

COUNTY BORN FEEDER CALF CLASS

1. Calves must be the progeny of a cow that resides in Orange County. The calf must be born in Orange County
2. Calves must be born between January 1st and May 1st.
3. Feeder calves cannot weigh more than 700 lbs.
4. Calves must be weaned at least two weeks prior to the beginning of the fair, eating dry feed and broke to lead.
5. Castration and dehorning-calves that still have tissue in the scrotum

will be rejected. Open (knife) castration at least 4 weeks prior to the fair is highly recommended. Calves must be completely healed from castration and dehorning.

6. Calves must be in the exhibitor's possession by May 1st.
7. Individual exhibitors may enter and show not more than two calves.
8. The Orange County Feeder Calf Class may consist of all beef and dairy breeds.
9. The feeder calves will not be eligible for the Orange County 4-H auction.
10. The feeder calves may arrive no later than 4:00 PM on the day of the show.
11. The feeder calves will be released following the show.

ORANGE COUNTY BORN AND RAISED STEER AND HEIFER CLASSES

1. All heifers and steers entered must be progeny of a cow that resides in Orange County. The heifer or steer **MUST BE BORN AND RAISED IN ORANGE COUNTY.**
2. The calf must be in the possession of and in the care of the exhibitor by the weigh-in date (commercial heifers) or by May 1st.
3. The steer must be shown in order to sell at the 4-H auction and must weigh a minimum of 900 lbs.
4. The Orange County Born and Raised Heifer and Steer Classes will be a no fit class, meaning no glue, no hair products of any kind or artificial color will be allowed. Just clean and brushed.

Breed Verification for 4-H Steers

All beef breeds (including dairy beef) will use this screening method to ensure that steers meet the breed specifications listed in the 4-H/FFA Handbook/Premium List: Require a registration certificate (that meets the breed's requirements for breed purity) for each steer and a legible tattoo identical to the tattoo listed on the animal's registration paper. Under this option, the departmental screening committee described previously **would not** screen steers for visual markings. The breeds using this method are Chianina, Red Poll, Shorthorn, Simmental, and Salers.

CAT

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. PLEASE READ AND FOLLOW ALL 4-H ANIMAL GENERAL TERMS& CONDITIONS,RULES,REQUIREMENTSANDPOLICIES
2. No cats may be exhibited that test positive for or show any symptoms of any communicable diseases or parasitic infestation, including ticks and fleas.
3. Each cat presented for exhibition must be accompanied by an official Indiana 4-H certificate of vaccination (4-H-777W). These completed forms are due in the Extension Office by **July 1st**.
4. Current vaccination forms **MUST** be on file in the Extension Office before your cat can attend/participate in any workshops.
5. All cats over 3 months of age must be vaccinated for rabies by a licensed and accredited veterinarian in accordance with the state rabies vaccination law.

Notice: *Indiana State 4-H Imposes Vaccination Requirements for Cat Show Participants Beyond the Requirements of the Indiana State Board of Health Minimum Requirements. Check with Your Local 4-H County Extension Educator for those Requirements. For more information on cat health requirements, call the Indiana Board of Animal Health at (317) 227-0320.*

General Project Rules

1. To be in the Cat project, only the 4-H member's own cat or family cat may be used.
2. The cat may be either purebred or a domestic mix & must be fed and cared for by the 4-H Member.
3. Cats do not need to be registered or pedigreed in order to enter the cat project.
4. 4-H'er may enter a poster exhibit and/or participate in the Cat Show. If a poster is completed, it should be turned in during non-animal project check-in to be judged.

4-H Cat Poster Educational Exhibit:

Please read all of the General 4-H Poster Guidelines located at the front of the project section in this handbook.

Exhibit Topics:

The following suggestions are ideas for development of educational cat posters. 4-H'ers need not be limited to just these mentioned topics.

Beginner: Cat Care, Cat Breeds, Litter Training, Treating My Cat With Care and Respect, Cat Responsibilities, Grooming Skills, Training My Cat, Declawing – Good or Not, Neutering/Spaying, I Lost My Cat, Determining Cat Costs, Travelling With My Cat, My Cat’s Safety.

Junior: National Cat Fancier Associations, A Cat Clinic, Here Comes the Judge, Training With Extra Praise, Let’s Decide for My Cat, Careers Related to Cats, Should My Cat Have Kittens?, Types of Cat Food, Feeding My Cat, Things I’ve Learned, Insect Pests, Cat Tails Talk, Symptoms of Ill Health, My Visiting Pet Therapy Program, Cats Get Old Too!, Saying Goodbye.

Senior: Understanding a Cat Show, Planning a Cat Business, Am I a Role Model?, Cat Genetics, Cat Organs and Systems, Exploring Careers, Learning About Leadership, My Cat Quiz Bowl, Teaching Others, Having Fun Learning, It’s the Law!, Protecting Our Environment, Issues of Animal Welfare/Rights.

Additional ideas and topics:

- Your cat’s breed and/or color or the most prevalent color showing in your 4-H cat show. Place a picture of you and your cat on the poster. You may use a brief history of the breed, the characteristics, the accepted standard, etc., which most pertains to your pet.
- The diet and nutrition of raising a healthy cat from kitten to adult.
- A disease of cats: its discovery, effects, treatments, etc.
- Examining my cat – what to look for and how it’s done.
- What can a veterinarian do for my cat?
- Here kitty, kitty, kitty...
- Draw a diagram of a cat and label parts of the body and explain function of each.
- Interesting facts about cats.

CAT SHOW

1. Cats must be checked in at the time designated by 4-H Council.
2. To show in a purebred division, the 4-H’er must present the original certificate of registration at check-in.
3. Bring a container to hold the animal.
4. Animals maintain 5 feet apart from another animal.
5. Limit of cats to be shown by one member: 2

6. To be in the cat show, only the 4-H member's own cat or family cat may be used. Cat must live in the same household as the 4-H'er and be in the 4-H'ers possession by May 1st, of current year.
7. The cat may be either a purebred or a domestic mix and must be fed and cared for by the 4-H member.
8. If a cat is not on the judging table at the time the class is judged, the cat will not be judged.
9. For the Cat show, kittens are classified as 3 to 8 months, adults are ages 8 months and older. No kittens younger than 3 months of age by show time will be allowed to enter the Cat Show.

DAIRY

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair. *All Dairy participants are encouraged to show a dairy cow or heifer but are not required to do so in order to show a dairy steer.*

1. **PLEASE READ AND FOLLOW ALL 4-H ANIMAL GENERAL TERMS & CONDITIONS, RULES, REQUIREMENTS AND POLICIES**
2. All sexually intact female dairy cattle that are six (6) months of age or older, that will be sold or otherwise not removed from the state within ten (10) days of the fair, must test negative for tuberculosis within 60 days prior to the date of arrival at the fair, if the dairy cattle has originated from out-of-state.
3. All dairy animals must be enrolled and under the care of the 4-H'er by May 1st. Dairy heifers may be leased from an outside party, but the 4-H member must turn in a completed Animal Lease Agreement Form to the Extension Office by May 1st.
4. Dairy animals do not need to attend ID Day, but all Dairy participants will need to provide all ID information including sex, breed, tag number and DOB of all dairy animals they intend to bring to the county fair. If the animal does not have an existing tag in place, one will be issued to you. Please see the general ID requirements for Cattle, located at the beginning of the animal section in this handbook. **This information is due in 4HOnline by April 5th for steers and May 15 for all dairy cattle.**
5. No limit on number of classes entered or number of animals per class.

6. Any 4-H exhibitor wishing to exhibit at State Fair must have registered animals.
7. Ownership – any one animal may be entered on any one 4-H'ers enrollment form and on only the same member's 4- H State Fair entry.
8. County cow and heifer class breakdowns will follow the State Fair Age Classifications.
9. For the Dairy Steer class, the animal must be a steer, must be **polled** or **dehorned**, must meet State Fair health requirements, must be of 50% dairy breeding (Holstein, Brown Swiss, Guernsey, Aryshire, Jersey, or any cross of these five breeds).
10. All disagreements shall be settled by the 4-H Dairy Committee.
11. Animals must have milk teeth at State Fair weigh-in.
12. Cows in milk will be allowed to be brought to the fairgrounds on the day of the Dairy show, and then leave the fairgrounds right after the Dairy show.
13. Maximum number which a 4-H'er may show at the Orange County Fair: ***Dairy Steers - 2; Dairy Heifers - 4; Yearlings - 2; Calves – 2***
14. **Steers must weigh over 400 lbs. to be shown in Dairy Steer classes. All steers weighing under 400 lbs. will be shown in a calf group.**
15. Dairy heifers may not have horns exceeding 2.5 inches.
16. **4-H Dairy Classes-** will be based on Indiana State Fair rules.
17. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply.

18. **Showmanship classes will be divided as follows:**

Senior Showmanship-completed grades 9-12

Junior Showmanship-completed grades 6-8

Beginner Showmanship-completed grades 3-5

DOG

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

Health & Safety

1. **PLEASE READ AND FOLLOW ALL 4-H ANIMAL GENERAL TERMS& CONDITIONS,RULES,REQUIREMENTSANDPOLICIES**
2. No dog may be exhibited showing any symptoms of a communicable disease or parasitic infestation, including ticks and fleas.
3. Each dog presented for exhibition must be accompanied by an official Indiana 4-H Certificate of Vaccination (4-H-671W). These completed forms must be turned in to the Extension Office by **July 1st**. *Current Vaccination forms MUST be on file in the Extension Office before your dog can attend/participate in any workshops.*
NOTICE: Indiana State 4-H Imposes Vaccination Requirements for Dog Show Participants Beyond the Requirements of the Indiana State Board of Health Minimum Requirements. *For more information on dog health requirements, call the Indiana Board of Animal Health at (317) 227-0320.*
4. A dog displaying signs of aggression will be subject to the rules in the official Indiana 4-H Aggressive Dog Policy, seen below.
5. 4-H members are responsible for the actions of their dogs.
6. Excessive and/or inhumane treatment of a 4-H dog by a handler and/or family member will be grounds for disqualification of the 4-H exhibitor and will be asked to leave.

Indiana 4-H Aggressive Dog Policy

The safety and well-being of 4-H members and volunteers is a primary concern with all Indiana 4-H Program opportunities. Families should err on the side of caution in selecting a dog for the 4-H member to exhibit. A dog that has a known history of aggression or biting is not appropriate for involvement in the 4-H Program. On occasion, the 4-H member may

have difficulty managing their dog within the 4-H Program. The following guidance has been provided for the Indiana 4-H Dog Program as the owner/exhibitor of the dog bears responsibility for the dog's actions. In the subsequent policy, the term "4-H Dog Personnel" will include County 4-H Volunteers, County Extension Educators, State 4-H Staff and appropriate County and State Fair Directors.

A dog that bites a human or another dog at any 4-H Dog Event must be immediately removed from that event by the 4-H member and will subsequently be excused from the 4-H Program. The member should be directed by 4-H Dog Personnel on-site to remove the dog if the member does not do so willingly. If a determination is made by the 4-H Dog Personnel that a dog bit in self-defense, it may be allowed to remain at the 4-H Dog Event.

Dogs that display other signs of aggression, including but not limited to barking and standing ground, growling, lunging and snapping will be given one verbal warning. They will be removed from the event after the second violation at the same event. To be removed from a 4-H Dog Event, there must be two violations at the same event.

Any dog that is removed from a 4-H Dog Event due to aggressive behavior will be placed on probation for 2 weeks. Written notification of the probation will be given to the 4-H member. The 2-week period will start upon written notification to the 4-H member. While on probation, the 4-H Dog Personnel and the 4-H member and parents will work together to determine the best course of action for the dog. This may include (but is not limited to) working individually with the dog and 4-H member, asking the 4-H member to use a different dog or having the 4-H member attend events without their dog. At the end of the designated probation period, 4-H Dog Personnel will make a determination regarding the dog's return to 4-H Dog Events.

Dogs that are removed from a 4-H Dog Event twice will be immediately excused from the 4-H Program and will not be allowed to re-enter. Excusing a dog from the 4-H Program is rare but could be necessary for the safety of 4-H members, volunteers and other participating dogs. Should a dog be excused from the program, it must be remembered that the action is against the dog and not the 4-H member. 4-H Dog Personnel should look at many solutions and encourage the 4-H member to attend classes without their dog while training it at home or

potentially bringing another dog to 4-H event. 4-H members will always be welcome in every other part of the dog project. In the event that a dog is removed from a 4-H Dog Event or excused from the 4-H Program, 4-H Dog Personnel should report such to the State 4-H Office so that the information is available to all county 4-H Dog programs and the Indiana State Fair.

Dog Show Rules

1. **Dogs must be at least 1 year old on the day of show.**
2. Outside of the show ring, all 4-H dogs must be on a leash or in their crate. All dogs must be attended at all times.
3. Only ONE dog per member can be entered in the Dog Show. 4-H members may not share the animal. 4-H member or immediate family must own dog shown. Immediate family includes: mother, father, brother, sister and grandparents.
4. All participants will advance to the coordinating “B” class the following year (for example: Agility Beginning A would then move on to Agility Beginning B, or Obedience 1A would then move on to Obedience 1B) and will stay at that level until they have placed 1st or 2nd out of at least 3 competitors. After having done so, they would advance up to the next “A” division.
5. 4-H dogs must wear a well-fitted slip, buckle, or martingale collar made of leather, fabric, or chain in order to be exhibited in obedience classes. The leash may be made of fabric or leather and must be 6 feet in length. Collar tags will not be allowed during the show.
6. All 4-H exhibitors are required to clean up after your dog, in and outside of the show ring.
7. Only dogs exhibited are allowed at the 4-H Dog Show.
8. 4-H t-shirts, provided by 4-H Council each year, are to be worn at all times during the dog show.
9. All Agility work must be done on a flat, buckle collar. ***Beginner Level A ONLY must use a 6 foot lead – all other levels should be off leash*** (A 10 point penalty will be apply if a leash is used).
10. A 4-H'er whose dog dies or is incapacitated after May 1st may only exhibit a poster. For specific requirements, contact the Extension Office.
11. A dog displaying signs of aggression will not be allowed to show nor participate in workshops in the interest of safety to others associated with the project.

12. Classes will include Obedience, Agility, Conformation, and Showmanship, and the 4-H member may choose to sign-up for any or all to participate in. Class sign-up sheets will be due in the Extension Office July 1st.

OBEDIENCE CLASSES

1A 3A
1B 3B
2A 4A
2B 4B

AGILITY CLASSES

Beginning A Intermediate A Advanced A Excellence A
Beginning B Intermediate B Advanced B Excellence B

Conformation – Dog will be judged on body structure and breed standard. ***This is a Purebred class ONLY.***

Showmanship – scoring will be based on the key components of Line Up & Stack, All Go Round, Exam, Individual Gait, and Appearance & Attitude of Handler

OVERALL GRAND CHAMPION DOG

This will be determined by the combination of Agility and Obedience scores for each individual dog.

Dog Poster

Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook. Posters will visually demonstrate 4-H Dog project knowledge. The following suggestions are *ideas* for development of educational dog exhibits. **4-H'ers need not be limited to just these topics.**

Beginners: Grades 3-5- Dog Care, Dog Breeds, Me and My Dog, Helping the Handicapped

Juniors: Grades 6-8- Purposes of Dogs, Responsible Dog Ownership, Uses of Dogs, Diseases/Parasite Prevention, Careers with Dogs

Seniors: Grades 9-12- Learning Life-Skills With the Dog Project, Your Dog and the Law, Food, A Dog's Sense of Smell, Dog Over-Population Problems, Animal Health, Animal Welfare

If a poster is completed, it should be turned in during non-animal project check-in to be judged.

GOAT

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. PLEASE READ AND FOLLOW ALL 4-H ANIMAL GENERAL TERMS & CONDITIONS, RULES, REQUIREMENTS AND POLICIES.
2. No goats may be exhibited that are showing signs of infectious disease (i.e. foot rot, ringworm, caseous, or sore mouth).
3. For more information on goat health requirements, call the Indiana Board of Animal Health (317) 227-0318.

General Goat Show Rules

1. Each exhibitor will wear shirt provided by 4-H Council. There will be no hats of any kind allowed in the show ring.
2. All goats must be in the possession of the 4-H member by animal ID day or May 1st which ever date comes first.
3. All animals will be tagged at the fairgrounds on the date selected by the 4-H Council. Those going to the State Fair will be retinal scanned at that time. There may be a charge for each tag or scanning.
4. Each 4-H Goat member may show a maximum of 8 goats. Of those 8 goats, a maximum of 4 may be market goats. Market animals may be a combination of dairy wethers and meat goats. Only market animals may go through Auction and must weigh at least 50 lbs. Market animals must have milk teeth in place (under 12 months of age).
5. Goats age as of June 1st of the current year will determine class placement.
6. Every goat must have a collar and lead.
7. All breeds, male and female, need an official USDA identification (scrapie tag, electronic implant (breed registered animals only), or tattoo with registration papers (tattoos MUST be legible and the tattoo registered with BOAH).
8. **All animals should arrive at the set Animal Check-In with clean and trimmed hooves. 4-Hers may be asked to clean and trim hooves prior to completing their Animal Check-In.**
9. Goats may be shown with or without horns (Dairy goats shown at IN State Fair cannot have horns). Please keep in mind that safety of the 4-Her comes first, and if horns must be removed they must be healed

completely prior to Animal Check-In.

10. Limit of 2 entries per 4-Her per class.
11. No bucks of any breed are allowed unless they are 8 weeks old or younger and showing with dam. Wethers should be free of testicular issues.
12. Breakdown of all Doe classes will be by breed as follows: 0-3 months, 3-6 months, 6-9 months, 9-12 months, 12-16 months, 16-20 months, 20-24 months, 24-36 months, 36 months plus.
13. Muzzles may not be allowed.
14. Does one year old and older can arrive day-of-show if arranged with prior approval from goat committee.
15. The direct application of ice, ice water, water-soaked towel, alcohol, Freon **or any other refrigerant** to the hide of a goat is strictly prohibited the day of show. Forcible introduction of any fluids into goats are prohibited the day of show. This deceptive, fraudulent practice will cause the exhibitor and their animal(s) to be disqualified immediately.
16. Pens may be subdivided to accommodate more than one 4-H'ers animals.
17. Fans must have proper safety-approved shrouds.
18. All disagreements shall be settled by the Goat committee (See Grievance Policy).
19. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are

contributing to a safe, wholesome food supply.

MEAT GOAT WETHERS & MARKET DOES:

1. All meat goats must be individually identified with an ear tag or tattoo.
2. All wethers **MUST** be born on or after September 1st of the previous year.
3. Market goats must be uniformly slick shorn with 1/4 inch of hair or less from the knee and hock up.
4. Market classes will be divided according to the weight of the animals.
5. All meat goat wethers **MUST** weigh at least 50 lbs. to be able to sell in the Livestock Auction.
6. All meat goat breeds and crosses are eligible. These market animals do not need to be registered.

Any meat goat wether showing evidence of testicular tissue is ineligible for the 4-H meat goat show

BOER GOATS:

1. All Boer goats must be individually identified with a scrapies tag and an ear tag or tattoo.

OTHER MEAT BREEDS:

1. All other meat breeds must be individually identified with a scrapies tag and an ear tag or tattoo.

PYGMY GOATS:

1. Kids born after Animal ID Day must be from a dam that was enrolled at Animal ID Day. All 4-H Pygmy Goats must be ear tagged or tattooed.
2. To be eligible to show in group classes, all animals must have been exhibited in their individual classes.
3. Herd classes will go by State Fair rules if a herd class is made.

DAIRY GOATS:

1. All 4-H Dairy Goats must have a legible tattoo identical to the one recorded on their registration certificate. Only 1 number sequence per ear (or per tail web) will be permitted.
2. When showing your Dairy Goat you may bring a milk bucket to use if needed.
3. All Dairy Goats competing for 4-H Championship honors that are in milk may be required by the judge to be milked before making final placing.
4. Dairy classes will be by breed. There must be at least 3 to make up an individual breed class. Otherwise, dairy goats will be shown together in an All Other Breeds class.

SHOWMANSHIP:

1. **Senior Showmanship**-completed grades 9-12
2. **Junior Showmanship**-completed grades 6-8
3. **Beginner Showmanship**-completed grades 3-5
4. Winner of each showmanship class will have the opportunity to return for Master Goat Showman. If an exhibitor has won their respective showmanship category the past years, they will be allowed to age up into a higher category. If they decide to age up, at no given time will they be allowed to age back down. The winner of the Senior showmanship division will be the one to represent the goats in round robin showmanship, no matter the age.

COUNTY BORN & RAISED

This class is for does and kids born to a nanny owned by you or your family, and the nanny must have been residing on your farm or your family's farm within Orange County at the time of the birth. Family is defined as mother, father, stepmother, stepfather, legal guardian, brother, sister, grandfather, grandmother, aunt or uncle. The goat must have a scrapie tag, tattoo with farm ID prefix or Microchip with farm ID, proving the farm of origin, in order to participate in these classes.

HORSE AND PONY

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. **ALL** horses participating in any 4-H event (workshop, county fair, area show, etc.) **MUST** have an official vaccination form on file in the Extension Office by July 1st listing current vaccinations for:
 - Eastern and Western Equine Encephalomyelitis
 - Rhino pneumonitis/EHV type 1 and 4
 - Equine Influenza
 - Tetanus
 - Rabies
2. Horses coming from **outside of Indiana** for exhibition in Indiana must meet the following requirements:
 - a. Each horse must test negative for Equine Infectious Anemia or E.I.A. (Coggins test) within 12 months of the date of

exhibition. Each horse must be accompanied by an official certificate of veterinary inspection that indicates the results of the E.I.A. test.

- b. A suckling foal accompanying a dam that has tested negative for E.I.A. within twelve months of the exhibition is exempt from the E.I.A. testing requirements.
3. The following applies to horses coming **from Indiana** for exhibition in Indiana:
 - a. A certificate of veterinary inspection is not required.
 - b. An E.I.A. (Coggins) test is not required.
4. No horse may be exhibited showing any symptoms of any communicable disease.

For more information on horse health requirements, call the Indiana Board of Animal Health at (317) 227-0320

General Horse & Pony Rules

1. Please read and follow all 4-H Animal General Terms & Conditions, Rules, Requirements, and Policies.
2. It is required that animals be in the 4-H member's care by May 1st. Official Indiana Horse and Pony enrollment forms must be completed online **by May 15th** in order to show at the **State Fair** or Area Show.
3. No animal may be substituted or traded for the original animal after **May 1st**. In the case of death of an animal, completion of project may be made by continuation of records. Any animal exhibited must be shown and owned by contestant, or owned in partnership with the contestants father, mother, sister, brother, grandparents, or legal guardian. **Note: Exception:** Horses may be leased from an outside party, but the 4-H member must turn in a completed Animal Lease Agreement Form to the Extension Office by May 1st.
4. **Only one animal per 4-H member may be shown in the following classes: Halter, Pleasure, Horsemanship, and English. Two animals may be shown per 4-H member in: Gaming, Western Riding, Reining, and Trails. Scratching of classes must be done before the show starts (each day). At check-in must specify which horse they are showing that day or will be disqualified from all classes.**
5. All horses that are 56" and under and shown in 56" and under class must be measured by a certified measurer prior to the fair. The Horse and Pony Committee will hold a workshop where measuring will be

available and green measuring cards will be handed out to those measuring under 56". In order to show in any 56" and Under class, you MUST present your green measuring card proving that your horse is, in fact, under 56".

6. 4-H'ers in the same household may show a horse that belongs to their immediate family. If more than one 4-H'er is showing the same horse, that horse may be entered only once at the Indiana State Fair. Siblings may share a horse for the county show, but the horse may **NOT** be entered more than once in the same class.
7. Classes may be scratched the day of the horse show, but no classes may be added. Class sign-up sheets are due in the Extension Office by July 1st. Please note that if a rider/horse was not signed up for a class (i.e. not on the showbill), you will NOT be permitted to compete in that particular class.
8. No stallions are eligible to show except weanlings and yearlings. If the 4-H'er is unable to handle his stallion in either of these two classes, it will be at the discretion of the judge if he is to be disqualified. **NOTE:** yearling stallions are not acceptable at State Fair or Area Show.
9. All animals must be sound, healthy, and be of an appropriate Body Condition score. Any questionable animal may be removed by a licensed veterinarian.
10. The use of drugs is prohibited. Animals may be checked at random for conformance with this rule.
11. Interpretation of 4-H Beginner, Junior, and Senior Age. The age of a 4-H Horse and Pony member shall be as of his/her grade as of May 1st of current year.
Beginner: Grades 3-5 **Junior:** Grades 6-8 **Senior:** Grades 9-12
12. All classes shall be judged by the American Horse Show Association Rules and/or American Quarter Horse Association Rules, except when amended by Indiana 4-H rules.
13. Gaming Horses may be dismounted inside the show ring and led out by the rider.
14. Riders with gaming horses and riders with pleasure horses will not share the makeup area and/or the show ring at same time unless using the rail.
15. Animals are not to be ridden on the fairgrounds except in designated areas as posted in the horse barn. Only the 4-H'er showing the horse is allowed to ride the horse.

16. Any 4-H exhibitor who continually breaks a barn rule may be barred from showing and/or forfeit any prizes or winnings.
17. All 4-H Horse and Pony animals will be assigned stalls by the 4-H Horse and Pony Committee.
18. All 4-H'ers enrolled in the Horse and Pony project may participate with their enrolled horse in Horse and Pony workshops.
19. All State Fair 4-H Horse and Pony entries will be due by July 1st. Entries may be made electronically (preferred) or on paper. Entries will be limited to 4-H members in grades 3-12. 4-H members may enter only one horse and show in a total of 3 classes in only one of the 3 shows (Western Show, English Show, or the Contesting Show). You will be responsible to enter and send payment directly to the Indiana State Fair Entry Department. Only horses that have had electronic State Enrollments submitted by May 15th of the current year are eligible to enter.
20. An official Horse and Pony Rules and Regulations book will be provided to all 4-H horse and pony project members at no cost from the Extension Office. The official rules for all show classes will be referenced directly from this book.
21. 4-H Beginner, Junior, and Senior High Point is based on the 4-H'er and one horse combination. Each 4-H'er may nominate one horse for high point, to be turned in on first day of show. Points will depend on number of entries in class. **Example:** 1st =4 points, 2nd =3 points, 3rd =2 points, 4th = 1point. Maximum of 6 points per class. At the end of the show dates, each combination's points are added to determine High Point Division Awards (to be given at the Achievement Program) (overall Grand Champion Horse 56" and over and Pony under 56" are not included in this total). Fun classes are exempt.
22. **All 4-H members are required to wear a properly fitted ASTM or SEI standard F1163 (or above) certified helmet whenever mounted, or driving, at a 4-H Horse and Pony event, show, activity, or workshop. The 4-H member and/or their parents or guardians are responsible to see that this specified headgear is properly fitted with the approved harness fastened in place whenever mounted. Original tags must be present in all approved helmets. This policy will be in effect beginning with the 2003 program year and applies to all county, area, and state 4-H Horse and Pony events, shows, and activities.**
23. The maximum number of horses allowed per exhibitor is 3, IF one

animal is shown in halter and/or showmanship only.

24. All disagreements and concerns shall be settled by the 4-H Horse and Pony Committee.
25. Mini 4-H members enrolled in the Horse & Pony project may show a horse at fair. The Mini 4-H classes will take place before the beginning of the first horse show of the week. There are two classes for Mini 4-H'ers:
 - **Halter** – the horse is led from the ground by the Mini 4-H member with a lead. A parent/guardian **MUST** also have a lead attached to the horse on the opposite side. **The parent/guardian should be in control of the horse at all times.**
 - **Leadline** – the Mini 4-H member is seated on the horse, in a saddle, while a parent/guardian leads the horse from the ground with a leadrope. **The parent/guardian should be in control of the horse at all times.**
 - Mini 4-H members may use their own horse, but it will not at any time be housed on the fairgrounds. It will arrive day of show and leave immediately after.
26. A Versatility class may be offered at the end of the first day of the Horse Show. The purpose of this class is to show versatility, not only in the rider's ability, but in the horse's ability as well. The class will include English Pleasure, Western Pleasure, Reining and Barrels, in that order. The participating 4-H member must team with a non-participating member also enrolled in the Horse & Pony project. Between English Pleasure and Western Pleasure, the non-participating member will quickly enter the ring with a wheelbarrow containing all necessary clothing (boots, chaps, etc.) and tack changes for the participating member. The team will have 5 minutes to change clothing and tack. At the end of the 5-minute tack change period, the non-participating member must have the wheelbarrow out of the arena, and the participating member must be mounted and ready to begin the Western Pleasure class. **Clothing changes are expected to be appropriate, such as putting chaps over English pants, wearing a modest tank underneath show shirts, etc.** While this is considered a fun event, both to watch and to compete in, the class will be judged, and scores from each individual event will be combined into one score for the class.

POULTRY

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. Please read and follow all 4-H Animal General Terms & Conditions, Rules, Requirements, and Policies.
2. All poultry presented for exhibition must meet ONE of the following requirements:
 - a. Test negative for pullorum-typhoid within 90 days prior to the date of their exhibition.
 - b. Be hatched from eggs originating from certified NPIP pullorum-typhoid clean flocks.
 - c. Originate from a flock where entire flock is certified NPIP pullorum-typhoid clean. For more information on poultry health requirements, call the Indiana Board of Animal Health at (317) 227-0320
3. Birds must be owned, raised and cared for by 4-H'er
4. A 4-H'er may enter to show a **maximum of 12 total birds**. This can be all standard, all bantam, or a combination of both. Meat pens, Breeding Pairs, and Egg Production pairs are included in this total.
5. All entries going on to State Fair must be purebred stock.
6. Pullets and cockerels are chickens less than 1 year of age the day of the show. Any chicken older than 1 year of age the day of the show will be classified as Hens and Cocks.
7. Young Ducks/Young Drakes/Young Gander/Young Goose are birds less than 1 year of age the day of the show. Any duck/geese older than 1 year of age the day of the show will be classified as Old Ducks/Old Drakes/Old Gander/Old Goose.
8. Birds will be judged according to the American Standard of Perfection as authorized by the American Poultry Association (APA).
9. All show birds must have been blood tested and tagged in order to show for the fair. 4-H members will be allowed to blood test a maximum of **15** birds during Animal ID, including chickens, turkeys and game birds. Waterfowl, doves and pigeons do not require blood testing, and therefore are excluded from the 15 maximum amount. Please keep in mind that you may only enter a maximum of **12** birds

total at the fair.

10. Water for poultry and fowl must be available to the animals in a waterer or small receptacle. Large water buckets will not be allowed to be kept in cages with birds.
11. All birds MUST check-in and check-out at the appropriate time during the fair. This check-out time is designated on Thursday night of the fair, 7:00pm–10:00pm. All birds MUST be removed during this time, and be officially checked out by the Poultry chairperson or designated committee member to verify that pens are clean. **Failure to follow this procedure will result in a forfeiture of your entire Poultry stall fee.**
12. **Any birds with parasites (such as lice and mites) will not be allowed at the fair and must be removed.**
13. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply.

Rooster Crowing & Duck Quacking Contest

These contests may take place during fair. Dates and times will be posted in the fair schedule.

1. Any 4-H Poultry Project member may enter one rooster and/or one duck.
2. The rooster/duck must be one entered in the show.
3. The rooster that crows, and the duck that quacks, the greatest amount of times in a predetermined amount of time will be declared the winner of the contest.

Breeding Pair

1. Each member is eligible to make 1 entry. An entry will consist of 1 hen and 1 rooster, or 1 pullet and 1 cockerel.
2. The entry will count towards the total of 12 birds the 4-H member is permitted to show.
3. The pair may only be shown together in the Breeding Pair class, and may NOT be entered in any other class individually except Showmanship.

Egg Production

1. Each member is eligible to make one entry. An entry will consist of a pair of 2 hens or 2 pullets and will be judged on egg production criteria.
2. The entry will count towards the total of 12 birds the 4-H member is permitted to show.
3. The pair may only be shown together in the Egg Production class, and may NOT be entered in any other class individually except Showmanship.
4. 4Hers intending to show egg production must inform the committee at blood testing/ID day.

Meat Pen

1. A 4-H'er may make one entry into the meat pen/commercial chicken class.
2. An entry will be classified as 2 chickens, 6-8 weeks of age.
3. The birds must not weigh over 5 ½ lbs each on the day of fair check-in.
4. The judging will give special attention to growth, development and production qualities.
5. The entries will count towards the 12 total birds a member is allowed to show.
6. The pair may only be shown together in the Meat Pen class, and may NOT be entered in any other class individually.
7. You MUST let the Poultry committee know at ID Day in May if you intend to show in the Meat Pen class. Even though the birds will not be hatched at this point, you must let them know of your intention to show at this time.

Egg Judging

An egg judging competition may take place during the Orange County 4-H Fair. Date and time will be posted on the fair schedule. Participants must

be 4Hers and should provide 6 clean eggs, not refrigerated, and laid by your own flock.

Poultry Poster:

Any 4-H poultry project member may exhibit a poster. Please refer to the General 4-H Poster Guidelines located at the front of the project section in this handbook.

Beginner: Grades 3-5 **Junior:** Grades 6-8 **Senior:** Grades 9-12

If a Poultry poster is completed, it should be turned in during non-animal project check-in to be judged.

RABBIT

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

Exhibit Requirements/Exhibit Options:

- A. Showmanship/4-H Rabbit Ambassador
- B. Rabbit Educational Poster
- C. Illustrated Talk/Action Display

If a poster is completed, it should be turned in during non-animal project check-in to be judged.

General Rabbit Show Rules

1. Please read and follow all 4-H Animal General Terms & Conditions, Rules, Requirements, and Policies.
2. Exhibit one or more rabbits (maximum of **12** total) owned and cared for (in 4-H'ers possession) since May 1st or animal ID day which ever date comes first.
3. Pedigrees are not required for 4-H competition but are required for State Fair.
4. Responsibility for correctly entering appropriate class, and rabbit identification, rests with 4-H member and the rabbit committee.
5. 4-H rabbits must be permanently marked and have a legible ear tattoo in the rabbit's left ear with exception of meat pens. This procedure helps the exhibitor to keep record of the rabbit breeding; helps straighten out mix-ups which might occur in the show and exhibit; helps identify any stock that may be stolen. In case of the death of a rabbit at the Fair, the marked ear can be returned to the exhibitor, thus proving that the rabbit did die and thus eliminating any

impression that the rabbit may have been stolen.

6. It is strongly encouraged that white long-sleeved shirts be worn by the exhibitors, under their 4-H t-shirts, while showing their rabbits
7. A grooming area will be provided for 4-H rabbit exhibitors.
8. A 4-H Rabbit Exhibitor may enter and show a maximum of **12** entries.
9. No more than 2 entries per class will be permitted.
10. Meat pen is made up of 3 rabbits of the same breed and same variety; each rabbit weighing a minimum of 3.5 pounds and maximum of 5.5 pounds and not over 10 weeks of age on the day of the show. Meat pen rabbits will house 3 in one cage. Meat pen numbers are included in the allowable 12 rabbits, and are not to be in addition to that maximum amount.
11. All 4-H members are responsible on show day for bringing their 4-H rabbits to and from the judging table.
12. All classes will be judged according to ages and breeds.
13. 4-H Rabbit Committee members reserve the right to quarantine any rabbit due to health or any other risk to other rabbits. If the exhibitor cannot be reached, the rabbit will be quarantined, and every effort will be made to contact the exhibitor.
14. Single rabbits may be selected and shown from the 4-H'ers rabbit meat pen.
15. Carrying cases cannot remain in or be stored in the building. No food, water, or other equipment or supplies may be stored under caging by order of the Fire Marshall.
16. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in

their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply.

SHEEP



You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. Blankets must be removed from all sheep at the time of arrival and during animal check-in. After a sheep committee member has inspected your sheep, blankets may then be used.
2. All market sheep must be presented slick shorn for inspection at arrival.
3. No sheep may be exhibited that are showing signs of infectious disease (i.e. foot rot, ringworm, caseous, or sore mouth).

For more information on sheep health requirements, call the Indiana Board of Animal Health at (317) 227-0318

General Sheep Show Rules

1. Please read and follow all 4-H Animal General Terms & Conditions, Rules, Requirements, and Policies.
2. Each exhibitor will wear shirt provided by 4-H Council. There will be no hats of any kind allowed in the show ring.
3. All disagreements shall be settled by the Sheep committee (See Grievance Policy).
4. Lambs must be in the possession of the 4-H member by animal ID day or May 1st which ever date comes first.
5. All animals will be tagged at the fairgrounds on the date selected by the Sheep committee. Those going to the State Fair will be retinal scanned at that time. There may be a charge for each tag or scanning.
6. Only 3 market animals of any sex are to be weighed and shown by the exhibitor. The 4-H exhibitor may also bring 2 breeding ewe lambs, 1 yearling and 1 aged ewe to be shown in those classes; however, ewe lambs cannot be shown in both market and breeding classes. Only market lamb exhibits may be sold at the auction.
7. All market class lambs must be slick sheared prior to show time.
8. All ewes must be retinal scanned in order to show at the Indiana State

Fair. This will be done on the assigned date and the 4-H member may be responsible for a small fee.

9. Any lamb not carrying county tags will not be shown in market class.
10. Any sheep exhibitor using excessive abuse on their exhibit animals (including slapping lambs on the rump during show) will be penalized. Excessive abuse shall also include, but not limited to burning, stabbing, gouging, punching, use of electric shocker, or other treatment which is considered cruel and inhumane treatment to animals.
11. The direct application of ice, ice water, water- soaked towel, alcohol, Freon **or any other refrigerant** to the hide of a lamb is strictly prohibited the day of show. Forcible introduction of any fluids into goats are prohibited the day of show. This deceptive, fraudulent practice will cause the exhibitor and their animal(s) to be disqualified immediately.
12. Pens may be subdivided to accommodate more than one 4-H'ers animals.
13. Fans must have proper safety-approved shrouds.
14. Muzzles may not be allowed.
15. Animals painted or colored by any means that alter or misrepresent breed characteristics will cause the exhibitor and their animals to be disqualified immediately. However, patches of missing wool may be painted to its original color.
16. Sheep must weigh a minimum of 50 lbs. in order to show.
17. All Sheep rules apply to both wool and hair sheep.
18. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in

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SHEEP CLASSES

1. Market Lamb- ewes and wethers dropped after September 1 of last year.
2. Breeding Ewe Lamb- ewes dropped after September 1 of last year, breeding ewe lambs will be shown according to weight.
3. Yearling Ewe- ewes dropped before September 1 of last year.
4. Aged Ewe- more than 2 years of age before September 1 of two (2) years ago.
5. Orange County Born & Raised – classes for both market lambs and breeding ewe lambs. All lambs shown in these classes must have a “flock tag” to prove the farm of origin.
6. Hair Sheep- all breeds falling into the “hair sheep” category (having long, coarse hair as opposed to wool).
Hair sheep will be judged in their own class separate from other breeds.
7. Showmanship- Beginner – Grades 3-5, Junior – Grades 6-8, and Senior – Grades 9-12.

WOOL

You must participate in the 4-H sheep show to be eligible to enter the wool project.

1. Exhibitors must be 4-H members during current year.
2. Fleeces will be entered immediately following livestock weigh-in.
3. Each exhibitor is limited to one fleece in the show. The fleece needs to be folded and tied with string (NOT TWINE).
4. Ideal wool is taken from sheep 1 to 2 years of age and should be sheared by March 1st. Fleece should not be stored in a plastic bag. A cloth or burlap bag is suggested.
5. 4-H fleece will be judged between the market and breeding classes of the sheep show by the sheep show judge.
6. Fleeces will be released after judging.
7. You **MUST** notify the office at least one week prior to the county fair if you intend to show in the Wool class.

ORANGE COUNTY BORN & RAISED

This class is for lambs born to a ewe owned by you or your family, and the ewe must have been residing on your farm or your family's farm at the time of the birth of the lamb. Family is defined as mother, father, stepmother, stepfather, legal guardian, brother, sister, grandfather, grandmother, aunt or uncle. The lamb must have a "flock tag", proving the farm of origin, in order to participate in these classes.

A trimming competition may take place during the Orange County 4-H Fair. Information will be forthcoming from the Extension Office if and when one is scheduled.

Yearling and Aged ewes can come in day of show and leave immediately following the show. All arrangements should be relayed to the Sheep Committee Chairperson, so that they are aware of the arrival and departure times of all sheep in the barn.

SWINE

You must turn in your completed record sheet to your animal committee chairperson when you check in your animal at the fair. You must turn record sheets in **on time** to be eligible to show your animal at the fair.

1. **Brucellosis Testing:** Swine from Indiana do NOT need a brucellosis test. Swine from OUTSIDE the state do not need a brucellosis test as long as the state of origin is classified as brucellosis free by the United States Department of Agriculture. A certificate of veterinary inspection is still required.
2. **Pseudorabies Testing:** Swine from Indiana do NOT need a pseudorabies test. Swine from OUTSIDE the state do not need a pseudorabies test as long as the state of origin is classified pseudorabies free by the United States Department of Agriculture. A certificate of veterinary inspection is still required.
3. All swine that are to be sold at a breed sale should have a certificate of veterinary inspection issued within **30** days prior to the sale to facilitate interstate movement after sale.

For more information on swine health requirements, call the Indiana Board of Animal Health at (317) 227-0310

General Project Rules

1. All disagreements shall be settled by the Swine Committee.
2. Market Swine Show: 4-H'ers may show barrow and/or gilts.

3. Breeding Gilt Show: Purebred gilt classes will be limited to only registered gilts. The registration papers must be presented at time of weigh-in. All other breeding gilts will be shown by weight in commercial breeding gilt classes. All gilts may show in both a breeding gilt class and market class if the exhibitor chooses. Grand champion and reserve grand champion breeding gilts MAY NOT show as market gilts. Grand and Reserve Grand Champion breeding gilts will be selected from the purebred and commercial breeding gilt champion and reserve champion. ONLY MARKET SWINE EXHIBITS MAY BE SOLD AT THE AUCTION.
4. **Limit 4 swine per 4-H member at the fair**, with the stipulation that at least one is a breeding gilt.
5. Due to pen availability, there will be a mandatory 2 animals per pen. Separate pens will NOT be provided for animals from the same family that are housed separately at home. 4-H members will need to house pigs together to prepare for the fair. If members do not bring all the animals they requested pens for, there will still be a mandatory 2 animals per pen per member.
6. Exhibitors must be with or in the immediate area of their animals throughout the duration of the Swine show. If a 4-H member is not in the final staging area when they are called, they will **NOT** be allowed to enter the ring. The 4-H member showing and **One** parent will be allowed in the swine barn during the swine show for safety reasons. Both parent and member must be in their pen if not moving to and from ring to keep the aisles clear and ensure safe, timely experiences for everyone. Swine committee members are the only non-parent adults allowed in the swine barn during the show and will help members keep animals cool.
7. Animals weighing less than 170 lbs will **NOT** be permitted to show **UNLESS** it is the only pig that exhibitor has to show. If that is the case, they will be allowed to show in showmanship only.
8. There will be NO re-weighs upon animal check-in.
9. 4-H'ers wanting to participate in Swine Showmanship need to sign up BEFORE the start of the show. They will then be divided into groups based on last names and levels.
 - **Beginner Showmanship:** Grades 3-5
 - **Junior Showmanship:** Grades 6-8

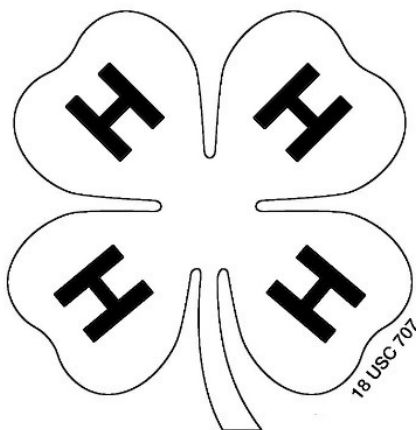
- **Senior Showmanship:** Grades 9-12

10. All swine must have pipe waterers with a spigot. Supplies for these waterers are available at hardware stores and instructions are available online. Contact a swine committee member for assistance.
11. All swine must be fed in pans or similar apparatus. Dumping feed on concrete will NOT be permitted.
12. All swine must have ear notches, and those specific notches must be given to the Swine Committee during Animal ID.
13. To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals. This is an annual program that can be completed via in-person trainings or online modules. For more information about in-person trainings, please contact the Orange County Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance. This requirement insures that youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply.

Swine Classes

1. Swine classes will be determined after the county fair weigh-in.
2. All class changes must be made by 2 hours following end of the weigh-in.
3. Orange County Born and Raised and Breeding Gilts will show on Sunday morning. Showmanship and Market classes will show on Monday.
4. Breeding Gilts MUST be identified upon check-in in order to show in the breeding gilt show. Gilts may show as breeding and market if the exhibitor chooses. Grand champion and reserve grand champion breeding gilts MAY NOT show as market gilts.

2022
Orange County 4-H Fair
June 24th – July 1st



The Orange County 4-H Fairgrounds is a tobacco-free environment.

