

Starke County 4-H Resource Handbook



2020-2021

Record Sheet & Project Manual Guidelines

The following chart is meant to help you decide what needs to be turned in with each project. If you have any questions, please call the Extension Office at 574-772-9141. Many of the project record sheets are available on our website at: extension.purdue.edu/starke

Record Sheet(s) Only	Project Manual Only (complete 1 activity)	Achievement Sheet & Record Sheet in Project Manual
<ul style="list-style-type: none"> • Achievement Book • Alfalfa • Architectural Models* • Basic Crafts* • Cake Decorating* • Cavy • Christmas Ornament* • Consumer Clothing • Corn • Create with a Mix • Creative Writing • Cupcake Decorating • Farm Toy Scene • Fine Arts* • Genealogy • Giftwrapping* • Heritage • Home Environment • Junior Leaders • Models* • Music • Needlecrafts* • Pigeons • Recycling* • Scrapbooking • Shooting Sports • Soybeans • Strawberry • Tractor—Lawn & Garden 	<ul style="list-style-type: none"> • Aquatic Science • Beef • Bicycle • Cats • Child Development • Collectibles • Dogs • Entomology • Floriculture • Foods • Food Preservation • Forestry • Garden • Geology • Goats • Health • Horse & Pony • Horseless Horseman • Photography • Pocket Pals • Poultry • Rabbits • Reading • Rocketry • Sheep • Sportfishing • Sports • Starter Calves • Swine • Tractor—Ag • Veterinary Science • Weather • Wildlife • Woodworking* 	<ul style="list-style-type: none"> • Electric • Foods • Sewing*
<p>*Skills Sheet also required – <u>ATTACHED</u> to project</p>		

Purdue Extension—Starke County

108 North Pearl Street

Knox, IN 46534

Phone: 574-772-9141

Fax: 574-772-6900

Hours: Monday—Friday, 8:00 AM—4:00 PM

Website: <https://extension.purdue.edu/starke/>

Julia K. Miller—CED, Extension Educator—4-H Youth Development

jwickert@purdue.edu

Phil Woolery—Extension Educator—Agriculture and Natural Resources

pwoolery@purdue.edu

Mandy Medbourn—Extension Educator—Health and Human Sciences

amedbour@purdue.edu

Deb Mix – Community Wellness Coordinator

Mix0@purdue.edu

Deb Winter—Nutrition Education Program Assistant

dawinter@purdue.edu

Kathe Beehler—Nutrition Education Program Assistant

kbeehler@purdue.edu

Kimberly Temple—Office Manager

ktemple@purdue.edu

Sharon Neely—Secretary

neelys@purdue.edu



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 Motto

“To Make the Best Better”

4-H Colors

Green: Nature’s most common color is emblematic of springtime, life and youth.

White: Symbolizes purity and high ideals.

4-H Mission

4-H empowers youth to reach their full potential, working and learning in partnership with caring adults.

4-H Vision

A world in which youth and adults learn, grow and work together as catalysts for positive change.

2020-2021 Starke County 4-H Resource Handbook Table of Contents

Indiana 4-H Program Philosophy & Expectations	3
4-H Club Membership	3-4
Residence	4-5
Behavioral Criteria for 4-H Events & Activities	5-6
Guidelines for Exhibition & Completion	6-8
Grievance Policy	8-9
4-H Club Policies	9
Adult Leader Expectations	10
4-H Youth Development Liability Release Policy	10
Policy Regarding Overnight Stay at Fairgrounds	10
Purdue Extension Food Safety Policy	11
Indiana 4-H Aggressive Dog Policy	11-12
4-H Awards and Competitions Guidelines	12-13
4-H Policies of Starke County	13
Starke County 4-H Dress Code	13-14
General Hints for Your Exhibit	14
4-H State Fair Entries	15
Exploring 4-H	16-17
Exhibit/Project Requirements	18-104
**listed in alphabetical order	
General 4-H Livestock Rules	105-106
Livestock Project Requirements	107-131
**listed in alphabetical order	
Showmanship	132
Round Robin	132
Livestock Auction	133-134
Animal Health Requirements for Exhibition of Domestic Animals in Indiana	135-141
Starke County 4-H Volunteer Leaders	142-143

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability or status as a veteran. Purdue University is an Affirmative Action Institution. This material may be available in alternative formats.

The Indiana 4-H Program Philosophy & 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 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 Policy 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.

Indiana 4-H Mission: The Indiana 4-H Youth Development mission is to provide real-life educational opportunities that develop young people who will have a positive impact in their communities and the world.

Indiana 4-H Vision: Indiana 4-H Youth Development strives to be the premier, community-program empowering young people to reach their full potential.

4-H Club Membership

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

Exceptions:

1. 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.
2. 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.
3. Those youth who enroll in grade three and are retained in public 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 school (public, private, or homr), their final year of 4-H membership would conclude the summer following their junior year of high school.

4. 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 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, 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 Office located in each of Indiana's 92 counties.

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

The member cannot be enrolled in the same project in two clubs (exception is Junior Leadership). If a member chooses to enroll in a project that a club cannot offer assistance in, the member needs to attend the workshop meetings offered for the particular project.

The online enrollment must be electronically signed by the parent and/or guardian and the 4-H member signifying they have read and will abide by the Indiana and Starke County 4-H Rules and Policies. The parents and/or guardians must also initial and sign the Liability Release Statement.

A 4-H member may not transfer membership from one local club to another during the club year. Exceptions are made only with the approval of the Youth Educator and the leaders of the clubs involved.

A 4-H member in good standing enrolled in another county or state may transfer their membership only with the approval of both the Youth Educator and the 4-H Council prior to March 1st. Transfer members will be eligible for all county awards and trips during their first year in the county program.

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 county 4-H Extension Educator. Participation in 4-H related activities and events (i.e. judging, Share-the-Fun, auction) must be in the county of primary 4-H enrollment.

The above policy is not intended to provide an escape mechanism for troubled 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 that 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 to 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:**

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

1. Possession or use of fire crackers, gun powder, firearms, chemicals or other materials that can be used to create an explosive mixture.
2. Misuse of fire equipment or sounding a false fire alarm.

3. Having a guest of the opposite gender in your sleeping quarters.
4. Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person.
5. Theft of or malicious damage to property.
6. Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, electronic smoking devices (including, but not limited to, e-cigs, vapes, juuls), or other dangerous substances.
7. Inappropriate displays of affection towards another person(s).
8. Inappropriate clothing or lack of clothing during the event or activity.
9. Lewd, indecent, or obscene conduct.
10. Unauthorized entry, use or occupancy of any facility.
11. Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.

When violations occur at out-of-county, district, area, and/or state and/or national 4-H events, the following procedures will be followed.

- a. The parents/legal guardians will be contacted to arrange transportation home for the violator(s) and
- b. The local extension educator will be notified.

4-H members, volunteers, parents, friends, and family who do not follow the Purdue Cooperative Extension Service and 4-H Youth Development behavioral expectations and/or who are a continuing disruptive force, despite appropriate and sincere efforts to resolve their concerns, may be barred from participating in and/or volunteering for youth development programs sponsored by the Purdue Cooperative Extension Service.

Guidelines for Exhibition and Completion

Following are policies that govern exhibition and completion of 4-H projects:

Participation: Attendance and participation at 4-H meetings is highly encouraged as a part of the overall educational experience. However, attendance or participation at club meetings cannot be required as a criterion for project completion. 4-H club meetings should be of the quality that 4-H members should want to attend, participate and learn. Also, rewarding 4-H clubs, 4-H club members, and 4-H leaders for attendance and participation in club meetings, tours, workshops, local and county exhibits, etc. is encouraged. 4-H volunteers and members of local clubs may establish goals for attendance, exhibits, completion, etc. to meet the criteria established for awards and recognition for their clubs as long as they do not conflict with county, area and/or state policies.

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 provides the 4-H members an opportunity to display their 4-H projects, enter into competition and participate in an educational/social environment with their peers. With exhibition also comes the responsibility for abiding by all of 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, ponies and llamas may be leased subject to approval of both the county 4-H dairy, horse & pony, or llama committee and the respective County Extension Educator.
- 4-H animals exhibited after the animal ID deadline (April 1st for steers and May 15th for all other 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 animals 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 animals are considered equivalent to a “Premium Only Auction.”
- Temporary guardianships established for the intent of animal exhibition or grooming purposes are not permitted and shall result in immediate disqualification.

Grievance Policy

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 all 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 individuals 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 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 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 subcommittee to the 4-H Council, which will then review the facts in evidence and render a decision.
- C. The person filing the grievance may appeal the decision of the 4-H Council to the Starke 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 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 grievances, 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.

4-H Club Policies

The program of an approved 4-H club must meet the following requirements:

1. Have an adult leader in charge who has completed the Volunteer Screening Process and has a signed Adult Behavioral Expectation form on file in the Extension Office.
2. Have at least five youth members from at least three families.
3. Have a constitution and by-laws.
4. Select youth officers or youth leaders to provide leadership to the club.
5. Encourage demonstrations, public speaking, judging and participation in specials activities and events.
6. Conducts a minimum of 6 regular meeting per year, with many holding 9—12 regular meetings throughout most or all of the year, and often supplemented by project meetings, camps, fairs, and other 4-H learning activities.
7. File a report of the day, time, and location of meetings with the Extension Office.
8. File a report of the officers and leaders for the year with the Extension Office.
9. Obtain an EIN number, and turn in an audit report to the Extension Office.
10. Submit an activities report for the club annually.
11. Complete all forms required by the IRS.

Adult Leader Expectations

An Adult Leader is required to:

1. Provide guidance and assistance to all 4-H members.
2. Attend all leader meetings possible.
3. Sign all record sheets and project manuals at the appropriate date(s) and times.
4. Submit their volunteer information and Adult Behavioral Expectation form to the Extension Office by the date requested.
5. Serve as a project advisor at the fair.
6. Complete and submit all club financial forms by the date requested.

4-H Youth Development Liability Release Policy

It is required by Risk Management at Purdue University that a signed **4-H Youth Development Liability Release Statement** shall be obtained annually from each and every 4-H participant in the 4-H Youth Development Program on the 4-H member's online or paper enrollment form.

4-H members who do not have on file with the County Extension Office a liability release statement that has been signed by at least one parent or legal guardian will not be allowed to participate in 4-H projects, events, or activities.

This form must be signed and obtained from participants annually.

Those 4-H members who have reached age 18 (or older) by the time the forms are distributed are not exempt from having a signed release form on file. However, these individuals are not required to have a parent or guardian signature.

Policy Regarding Overnight Stay at Fairgrounds (4-H Volunteer Liability Insurance Coverage)

Effective January 1, 1998, there will be no liability coverage provided to 4-H volunteers and staff during overnight stays at fairs unless each 4-H Youth participant is accompanied by his/her parent or legal guardian at all times. The time normally associated with overnight is that time when the fair shuts down for the evening or by midnight and until early morning feeding of animals (early morning is normally construed as morning light in our summer season).

Adults/volunteers officially assigned to watch 4-H projects overnight at county/state fairs are still covered by Purdue University liability insurance. However, this is not to be confused with aforementioned policy regarding 4-H youth.

County 4-H Councils and Extension Boards and/or Fair Boards not abiding by this policy do so at their own risk and should seek their own liability insurance.

The safety and well-being of 4-H youth is our primary concern. The mission of 4-H is education. Overnight stays at fairgrounds do nothing to further that mission.

Purdue Extension Food Safety Policy

For food competitions: Filling, frosting, glazing, pie filling, and meringue, (whether uncooked or cooked) 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 and 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. Contestants 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).

For ice cream competitions: Raw eggs must be heated to 160°F (verified by a calibrated thermometer) before using in an ice cream recipe. The previous practice of heating eggs until they ‘coat a spoon’ is no longer acceptable. It is recommended that powdered or pasteurized eggs be used in place of raw eggs. Indiana State law prohibits the sale of ice cream that is prepared from a mix that is not pasteurized just prior to freezing. Please check with your county extension educator to see if your county hosts an ice cream competition.

Judges and individuals who will consume products from county and state competitions should be informed that they are at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during or following the competition. Tasting of a food product is solely at the discretion of the judge. Judges are **NOT** to taste any low-acid or acidified preserved food, like green beans or tomato products, and are discouraged from tasting any other home preserved food.

Consumers of competitive food exhibits being sold at auction or used for hospitality purposes should be notified they could be at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a “potentially hazardous food” has been properly prepared or handled before, during, or following the competition.

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 events. 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.

4-H Awards and Competitions Guidelines

The Indiana 4-H Program is a federally assisted program and as such, all programs, activities, events and competitions (state, area, county, local) must be non-discriminatory according to federal law. Additionally, the 4-H Program may not accept sponsorships, donations, or awards that are based on discriminatory practices.

Gender specific competitions and awards are not permissible under Title IX (Non-discrimination on the Basis of Sex) of the Educational Amendments enacted by Congress in 1972. This act states:

“No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any education program or activity receiving Federal financial assistance.”

All Purdue Cooperative Extension Service programs and methods shall be implemented in a manner that insures nondiscrimination on the basis of gender for all participants.

This means that the practice of arranging competitions or awarding trips, scholarships, etc. on the basis of male or female categories is not acceptable in 4-H Youth Development Programs. In all cases, the requirements for competitions must provide equal access for all youths and must not be designed to create barriers to participation.

Note: Purdue University Cooperative Extension employees and volunteers are obligated to eliminate any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation or otherwise discriminate against these youth because of their gender.

4-H Policies of Starke County

1. The Danish system of awards will be used for most projects. All champions and reserve champions will be selected according to the project if the project merits such an award. The decision of the judge is final.
2. Completion pins will be given to those who fulfill the requirements for completion. Cost of replacement pin are at the expense of the 4-H member.
3. 4-H Permanent Record Sheets should be turned in with your project record sheets. These are very important as trips, awards, and scholarships are based on these records.
4. Some projects require information to be included on an additional card. Check the project descriptions in this handbook for exact project requirements.
5. Any exhibit turned in after check-in time has ended will be lowered one letter grade unless the judge is no longer available. Any exhibits received after that time will receive a participation ribbon.
6. A record sheet or project manual is to be completed and checked in with every exhibit (see chart on inside front cover). All record sheets and manuals must be completed by the 4-H member and signed by an adult leader. Any record sheet or manual turned in after check-in but prior to judging will be lowered one letter grade. If a record sheet or manual is not turned in, the person's exhibit will receive a participation ribbon.
7. Animal exhibitors must turn in all record sheets before their check from the Livestock Auction will be issued.
8. An exhibit label must be attached to all non-livestock exhibits. These are available from your 4-H leader in June.

Starke County 4-H Dress Code

This dress code will be enforced at all formal 4-H events (livestock shows, awards programs, working on behalf of Junior Leaders, etc.) where members are serving as a public representative of the 4-H program.

Because the dress, grooming, and manners reflect the general climate of any organization, all 4-H members will dress in a manner appropriate for exhibition and have a neat and clean appearance. Livestock exhibitors/sellers will wear suitable footwear (no sandals or open-toed shoes), with boots recommended. Exhibitors/Sellers will wear full-length pants with no holes (no shorts or short skirts). Exhibitors/Sellers will wear full length shirts (no bare midribs or cut-offs). Halter tops, or 'muscle' shirts are not allowed. Shirts need not have full stand-up collars, but plunging necklines, spaghetti straps, and bare backs are not allowed. Animal project superintendents and/or Extension Educators have the discretion to determine if exhibitor/seller dress meets this dress code. This applies to any clothing item or excessive accessory. Anyone

not following the clothing guidelines will be asked to change clothes or cover the clothing with a T-shirt. Failure to comply will result in the 4-Her losing the privilege of exhibiting and/or selling that animal in that class. It is the responsibility of adult 4-H leaders and parents to advise 4-H participants on dress and program content expectations, and to guide them in making appropriate choices.

General Hints for Your Exhibit

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.

Poster Construction

- Poster board—Use white when required. Experiment with other colors when white is not required. All posters are to be 22" x 28" unless otherwise specified. Posters must be displayed horizontally.

Correct Way



Incorrect Way



- Exhibit labels—The exhibit label should be placed in the lower right hand corner of the poster as you look at it, unless otherwise stated in the manual. It should be placed under the plastic. Exhibit labels are available from your 4-H leader in June.
- Stiff backing—All posters are required to have a stiff backing. The best product to use for this is foam core board, which is sold in the Extension Office. The backing should be the same size as the poster and no more than ½" thick. Please do not use any heavy materials for this, such as plywood.
- Plastic covering—All posters are required to be covered in plastic. Plastic sleeves that are 22" x 28" and salon print size are available in the Extension Office. Clear food wrap is not acceptable.
- Mounting Adhesive—The best adhesive to use is rubber cement. Double sided tape is best for mounting leaves.
- Colored pencils—The best are soft leaded because they are easy to color with and blend easily. Hard leaded pencils are less expensive, but are more difficult to use. Pencils can be purchased at art stores.
- Lettering—Stencils, self-adhesive or press type, etc. can be purchased at discount and art stores. Make sure you follow any requirements for the title and/or sub-title as listed under each project description.
- Envelope—Attach a letter sized envelope to the back of your poster for the judge's comment card.
- Copyrighted characters and materials are prohibited.
- Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
- When designing your poster you should consider: lines, shapes, textures, colors and placement of items.

4-H State Fair Entries

Not all projects or divisions have a State Fair Category. On the following pages, each project will indicate if it is a State Fair project or not.

The 4-H Extension Staff will make arrangements to enter and take all eligible non-livestock projects to the State Fair. **EXCEPTION:** large or fragile exhibits are the responsibility of the 4-H member to take to the State Fair, but please contact the Extension Office if you plan to take your own exhibit. Also, contact the office if you do not wish to take/send your exhibit so that the alternate can be contacted.

A 4-H member may make improvements to a State Fair entry before the exhibit is entered at the State Fair.

All State Fair Exhibits must be claimed at the Extension Office no later than September 1st.

State Fair tickets are available at the Extension Office for 4-H members who have a State Fair exhibit. These are available on a limited first come first serve basis and should only be used by 4-H members and immediate family.

Exploring 4-H Kindergarten—2nd grade

Exploring 4-H is a fun, exciting activity for youth in Kindergarten through second grade at the time of enrollment.

As a family, you decide what 4-H Club your child would like to belong to and the project they would like to take. A list of all local clubs is available in the Extension Office.

The Starke County 4-H program has project manuals for the areas of interest listed below. Your child will select only one project each year. We encourage the Exploring 4-H member to explore a different project each year, so they can gain new skills and knowledge in a variety of subjects. At your 4-H club meetings, the Exploring 4-H leader will have a variety of fun and educational activities. Exploring and regular 4-H club meetings are usually held at the same time and place.

An “Exploring 4-H Fun Day” will be held each summer at the fairgrounds. Parents are encouraged to attend this with their children. At the fun day the members do a craft, play games, enjoy a snack or meal, and have fun!

Each Exploring 4-H member will also exhibit a project at the fair. Exhibit options for each project are listed in the project manual. Posters should be 14” x 22” and displayed horizontally. Each poster should have a stiff backing (foam core board) and be covered in plastic. Foam core boards and plastic sleeves are available for purchase in the Extension Office. Other exhibits should be no bigger than 12” x 12”. Manuals and record sheets need to be signed by your 4-H leader and turned in with your project at the fair. Please write the Exploring 4-H members name and the club he/she belongs to on the manual. Exploring members should complete the following number of activities in their manual:

- Kindergarten—one
- 1st grade—two
- 2nd grade—three

Exploring Projects

- | | |
|----------------------|-----------------------|
| • Bicycle | • Models |
| • Christmas Ornament | • My Pet & Me |
| • Collections | • Plants & Flowers |
| • Crafts | • Recycling |
| • Dinosaurs | • Sewing |
| • Farm Animals | • Sun, Stars, & Space |
| • Foods | • Whales & Dolphins |
| • Forestry | • Wildlife Adventure |
| • Gardening | |

Exploring 4-H Non-Competitive Policy

Exploring 4-H is a program designed to encourage positive development of children, Kindergarten through second grade. The goal of Exploring 4-H is to help young children explore friendships outside the family; explore the way in which things work; practice

both small and large muscle control; and think about the ways people work together on projects.

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

1. 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.
2. Low adult/leader to child ratio that allows time for adults/leaders to provide individual, positive encouragement and assistance.
3. Simple, interesting activities that are fun.
4. Encouragement of children to participate in a group activity by sharing and/or displaying their activity projects.
5. Rewards that are identical and/or ribbons of the same color for everyone.

DO NOT JUDGE projects, but instead discuss them with the child.

Safety Policy for Exploring 4-H Members

The safety and well-being of our 4-H youth is of the utmost importance. Although kindergarten is specified as the time when a child may begin participation in some 4-H events and activities, 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 being showing, working with, or caring for animals. The State 4-H Youth Program at Purdue University has agreed to allow Exploring 4-H members in grades K—2, to participate in some animal projects subject to certain conditions. These conditions are specified below.

Each county may determine its own **NON-COMPETITIVE** programs, classes, and participation requirements subject to the following safety guidelines:

“Exploring 4-H members, in grades K through 2, will be allowed to show, work with, or care for animal projects after their parent or legal guardian has signed a liability release. Exploring 4-H members may independently show, work with, or care for animals that weigh 300 pounds or less. Exploring 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 parent or legal guardian.” (*The word assisted means that the adult has control of the animal at all times.*)

Exploring 4-H members exhibiting horses must wear ASTM or SEI standard F1163 (or above) certified helmets whenever mounted. The parent/guardian is 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.

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

Exhibit/Project Requirements

4-H ACHIEVEMENT RESUME—County Project Only

The 4-H Achievement Resume project will help you identify skills you developed and how those will be helpful in the future in 4-H and beyond. Diving deeper into this project may help you set goals for your future. Identifying skills and the experiences that developed the skills will help you as you complete scholarship forms, college admission forms, and job applications.

When you are in 10th grade, you can apply for the Indiana 4-H Accomplishment Scholarship. Contact the Extension Office for more information. In the meantime, have fun discovering how much you learned from your 4-H projects and have a record that you can keep to enjoy in the future.

Exhibit Requirements:

Grades 9-12: Exhibit a notebook (1-3” ring binder, hard cover) with the following items in the order listed below:

1. Cover Letter – 1 page
2. Resume—The resume should be a maximum of two pages. Ninth graders should include five skills. Tenth graders and above should add additional supporting statements to each of your five skills. (sample included in manual)
3. Pictures—Pictures should highlight your life skills examples. Include 1-2 pictures for each life skill.

Copy of your “My Record of Achievement” (front and back). The Record of Achievement is excellent reference information. It will not be judged

AEROSPACE (ROCKETS)—State Fair Project

General Requirements:

1. No “Ready to Fly” or E2X rockets are acceptable.
2. 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.
3. Each county would be permitted to send one rocket, remote contrail 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.
4. No engines allowed in exhibits.
5. See General Hints for Your Exhibit on page 14 for project guidelines. 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.
6. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.

Exhibit Requirements:**Stage 2 (Grade 3—5)**

- Rocket of your choice, Estes Skills Level 1, 2, or 3 or comparable difficulty OR
- A poster or display board on any topic in the manual. (For example: construct a paper airplane with a poster explaining why you designed it the way you did.) Cluster engine rockets and rockets that take an engine D or above are not permitted at 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.

Stage 3 (Grades 6—8)

- Rocket or other aerodynamic object, Estes Skills Level 2, 3, or 4 or comparable difficulty OR
- A poster or display board on any topic in the manual. (For example: a glider plane with a poster explaining the design.) Cluster engine rockets and rockets that take an engine E or above are not permitted at 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.

Stage 4 (Grades 9—12)

- Rocket (skill level 2 or higher), box kite, or other aerodynamic object of your choice which illustrates principles of flight OR
- A poster or display board on any topic in the manual. (For example: a box kite with poster explanation.) Rockets that take an engine G or above are not permitted at 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.

AQUATIC SCIENCE—County Project Only
--

Plan, set up and care for an aquarium with at least one pair of fish. The fish may be all of one kind and any fish suitable for your aquarium.

Exhibit Requirements:

All divisions—Exhibit an educational poster on something you have learned about caring for your fish. See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

ARCHITECTURAL MODELS—State Fair Eligible under Arts & Crafts

General Information:

1. Members are permitted to use any type of building block except Duplos™
2. Judging will be based on overall design, construction techniques, soundness, sturdiness, and balance.
3. Members are encouraged to use imagination and creativity in developing his/her exhibit.
4. The exhibit is to be a creation/object(s), not a scene.
5. Blocks are not to be glued together or to the base.
6. Exhibitors are not permitted to alter blocks in any way, including, but not limited to, cutting, filing, painting, or using markers, crayons, pencils, chalk, etc. on the blocks.
7. All exhibits must be displayed on a sturdy base.
8. People and/or animals may be used in the exhibit. However, they must be specifically from a building block kit/set and are not to be glued to the base or to the blocks. People and animals do not fulfill the requirement for moveable objects.
9. Projects are not to be covered.

Exhibit Requirements:

Size requirements below are for Legos™ and other building blocks. Maximum size allowed for K'NEX™ exhibits are: 6' long x 3' wide x 5' in height.

Level A – (Grades 3-4)

1. Exhibit a character or object. For example, you may make an animal, person, statue, totem pole, etc. No buildings, structures or means of transportation should be built in this level.
2. Exhibit shall not exceed 12" long x 12" wide x 12" high.
3. Exhibit shall not have any moving parts.
4. Motorized parts are not permitted at this level.
5. Kits are permitted.

Level B – (Grades 5-6)

1. Exhibit a structure or means of transportation (i.e. building, car, plane, boat, farm equipment, etc.).
2. Exhibit shall not exceed 18" long X 18" wide x 18" high, including fully extended parts.
3. Exhibit may have moving parts. However, it is not required.
4. Motorized parts are not permitted at this level.
5. Kits are permitted.

Level C – (Grades 7-9)

1. Exhibit any two related objects (i.e. windmill & house, tractor & barn, ship & airplane, space shuttle & lunar module, school & bus, robots, buildings, etc.).
2. Exhibit shall not exceed 18" long x 18" wide x 24" high, including fully extended parts.
3. Exhibit must include moveable parts on at least one of the two objects.
4. Motorized parts may be included at this level.
5. Kits are permitted.

Level D – (Grades 10-12)

1. Exhibit a display of three or more related objects (i.e. vehicle, structure, character, etc.).
2. Exhibit shall not exceed 24” long x 24” wide x 36” high, including fully extended parts.
3. Exhibit must include moveable parts on at least one of the three objects.
4. Exhibit must include motorized parts.
5. Kits are not permitted in Level D. Designs exhibited from a kit’s instruction sheet will not be permitted. Parts from various kits/sets may be used.

ARTS AND CRAFTS—State Fair Project

General Information:

1. Exhibit one article from each craft in which you are enrolled.
2. A label must be firmly attached to each part of the exhibit.
3. A craft record sheet is required for each craft exhibited.
4. If an item is to be used as a wall hanging, it must have a hanger. Framed crafts should have a backing. All articles should be protected from dirt.
5. Attach to projects 4-H 618A-W “4-H Craft Information Card” for description of work completed on the project.
6. If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed.
7. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.
8. It is recommended/suggested 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 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 or a lack thereof.

All Levels

According to county requirements. State Fair Classes are offered as follows:

- **BASIC CRAFTS:** Ceramics, macramé, mosaic, nature crafts, reeds, string and wire art, decoupage, leather craft, needle felting and any other crafts not listed as fine arts or needle crafts. Articles that will be hung should be ready to hang. Jewelry needs to be ready to display. Clothing items should be on hangers.
- **FINE ARTS:** Oil, charcoal, pastels, pencil, ink, acrylic or watercolors done on canvas, canvas board or paper. It should be framed as a picture and prepared for hanging. No paint by numbers or prints allowed. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.
- **NEEDLECRAFT:** (Handmade work) Knitting, embroidery, crocheting, needlepoint, crewel, candle-wicking, chicken scratching, quilting, tating, huck embroidery,

hemstitching; also pulled, drawn and counted thread work and punch needlework. This does not include latch hook, plastic canvas, machine knitting, or machine quilting, or arm knitting/crocheting. Clothing items should be on hangers.

Exhibits will be judged by levels: **Level A (grades 3-4), Level B (grades 5-6), Level C (grades 7-9), and Level D (grades 10-12).**

BICYCLE—County Project Only

Project Requirements:

Divisions 1 and 2 complete one activity with the manual and submit with your exhibit. See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

Bicycle 1—Grades 3-5: Read the manual and try the suggested activities. Learn about: history, bicycle fit, parts and maintenance, safety and skills, hiking and games. Report results in the spaces after each activity.

Exhibit Requirements:

A poster on something you have learned in the project.

Bicycle 2—Grades 6-8: Read the manual and try all of the suggested activities. Learn about the bicycle: parts and maintenance, skills, hiking, games and safety in your community. Report results in the spaces after each activity you complete in the manual.

Exhibit Requirements:

A poster on bicycle care.

Bicycle 3—Grades 9-12

Exhibit Requirements:

Create a report on a bicycle activity you completed.

CAKE DECORATING—State Fair Project

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. The Wilton Method of Cake Decorating student guides and their supporting materials will be used as the educational framework.

Specific techniques are required for each level and are not to have higher grade level skill techniques. All cakes must be created using a Styrofoam, foam, or other solid dummy. Unless specified otherwise, cakes are to be iced using Royal icing. Youth may practice skills using buttercream, but this type of icing will not withstand environmental

conditions 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). This sheet may be attached to the cake board.

Beginner Level (Grades 3-5)

Cakes must be on a cake board approximately 3/8" thick and 2-4" larger than the cake. For example, if the cake is 8" in diameter, then the cake board must be 10-12" 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 and may be round, square, or rectangular and the cake board is to be no more than 5" tall and 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 (Grades 6-8)

Cakes must be on a cake board approximately 3/8" thick and 2-4" larger than the cake. For example, if the cake is 9"x13" rectangular, then the cake board must be 11"x15" to 13"x17" 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.

CATS—State Fair Project (Poster Only)

GENERAL RULES

General Information:

1. A cat may be either a purebred or household pet.
2. Animals must be in the possession of the 4-H member by April 1st of the year exhibited.
3. Kittens must be at least 5 months of age to be exhibited.
4. The cat must be fed and cared for by the 4-H member. 4-H members may show only his/her own cat or one owned by the family.
5. All cats are required to have had upper respiratory enteritis and rabies inoculations before they will be allowed to enter the project and show. A negative test for Feline Leukemia Virus (FeLV) and inoculation is required. The inoculation date should be within 30 days of the show.
6. Cats must be free from internal and external parasites and members must have verification of proper inoculations at the time of the show (an Official State Cat Vaccination Form).
7. Cat members may exhibit no more than two animals at the Fair. Each cat may be entered in only one class and the costume class.
8. In the costume class the cat, exhibitor, or both may be in costume to fit the theme.
9. All cats must have their nails clipped. This is a safety precaution for both the member and the judge.
10. A 4-H member must stay and present his or her cat for judging. The cat **MUST** be on a leash at all times. (A cat carrier is suggested for travel and holding during the show.)
11. Cats will be classed according to their predominant characteristics.
12. Judging will include: General appearance, ears, eyes, paws, and nails.
13. A participation ribbon will be given if any of the following are found by the Cat Judge: Knots in the ear, ear mites, fleas, lice, unhealthy or unthrifty general appearance.
14. The owner must take the cat home immediately following the show.
15. If entering a cat at the show is not possible due to family allergies, illness of cat, or not being able to have a cat due to restrictions of residence, the poster or notebook will fulfill your county completion requirements for the project.
16. In the appropriate Cat manual, complete 1 required activity.
17. Animals will exhibit in one of the following classes:
 - Purebred
 - a. adult short hair
 - b. adult long hair
 - c. kitten short hair
 - d. kitten long hair
 - Domestic
 - a. adult short hair
 - b. adult long hair
 - c. kitten short hair
 - d. kitten long hair
18. The owner of the cat will also have the opportunity to participate in showmanship. This is based off a written test for the appropriate level (beginner, intermediate, advanced).
19. The manual is due by the time of cat check-in at the show. If an exhibitor turns in a poster or manual late they will become ineligible to receive the grand champion placement.

Exhibit Requirements for Cat Posters:

All cat members must exhibit a poster or notebook to fulfill completion requirements. The following suggestions are ideas for posters, but you are not limited to just these topics. See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

Level I—Grades 3-5: 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, determining cat costs, traveling with my cat, my cat's safety

Level II—Grades 6-8: National cat fancier associations, cat clinic, here comes the judge, training with extra praise, let's decide for my cat, careers related to cats, types of cat food, things I've learned, insect pests, symptoms of ill health

Level III—Grades 9-12: Understanding a cat show, planning a cat business, cat genetics, cat Organs and systems, exploring careers, learning about leadership, my cat quiz bowl, teaching others, issues of animal welfare/rights.

CHILD DEVELOPMENT—State Fair Project

General information for each exhibit option:

See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

Binder notebook:

- Identification label on front of binder giving name of 4-H member, club, grade, and year in project
- Title page inside binder name activity (or activities in Level C & D)
- Pages 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" x 36" x 36" (Display may include item(s) made in the activities you completed this year.)
- Must be self-supporting to be viewed by the public

Level A (Grades 3-4) and Level B (Grades 5-6)

Suggested Learning Experiences:

It is suggested that 4-H members complete at least three activities, each from a different chapter. Within the two-year period for each level, they should have completed at least six activities, and at least one activity from each of the five chapters. Starke County 4-H members are required to complete one activity and submit their manual with their exhibit for completion each year.

Exhibit Requirements: (Choose one of the following to exhibit.)

1. Choose one activity that you completed in this level. Design a 22 x 28 inch poster or a binder notebook that shows or tells what you did with this activity.
2. Create a display no larger than 36" x 36" x 36" using one of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. Use a 5 x 8 index card or larger cardstock to create your card.

Level C (Grades 7-9) and Level D (Grades 10-12)

Suggested Learning Experiences:

It is suggested that 4-H members complete at least three activities each year, each from a different chapter. Within the three-year period for each level, they should have completed at least nine activities, and at least one activity from each of the five chapters. Starke County 4-H members are required to complete one activity and submit their manual with their exhibit for completion each year.

Exhibit Requirements: (Choose one of the following to exhibit.)

1. Design a 22" x 28" inch poster based on one activity you completed in this level or one that promotes physical, emotional or cognitive skills.
2. Display a binder notebook that includes the information from one of the activities you completed this year
3. Create a display no larger than 36" x 36" x 36" 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 5 x 8 index card or larger cardstock to create your card.

Activity Plan Card	SAMPLE
Activity Name	_____
Materials Used	_____
Activity Procedures or Instructions	_____
Other Information	_____

CHRISTMAS ORNAMENT—State Fair Eligible under Arts & Crafts

General Information:

1. All exhibits should be constructed using 3/4 natural materials such as grapevines, wood, seed pods, wheat, corn husks, teasel, primarily wool, clay, etc. Manufactured materials such as paint, miniatures, ribbon, glass, etc. are acceptable supplements for an ornament. Grades 7-12 are the only exceptions to this.
2. All divisions must be handmade, **NO KITS**.
3. All exhibits must be ready to use whether it is clip-on or hanging article, or a tree topper.

4. Size: Ornaments can be no smaller than tree inches and no larger than six inches in any one direction. They should weigh no more than five ounces. Tree toppers must be of appropriate size but no more than fifteen inches.
5. Include a 3" x 5" index card stating your name, grade in school, materials used, and cost.
6. Exhibit will be judged on appearance, craftsmanship, and creativity.

Exhibit Requirements:

Grade 3-4: Hanging or clip-on ornament. Use at least $\frac{3}{4}$ natural materials. See general rules.

Grade 5-6: Hanging or clip-on ornament that symbolizes Indiana or the United States. Use at least $\frac{3}{4}$ natural materials. See general rules.

Grade 7-8: Garland using recycled items such as paper bags, newspapers, cans, bottle lids, etc. $\frac{3}{4}$ must be recyclable materials and $\frac{1}{4}$ may be natural or manufactured material. It must be 4-6 foot long.

Grade 9-10: Tree Topper or Tree Skirt. Any type of material or fabric may be used. See general rules for other specifications.

Grade 11-12: Christmas decoration for table top, mantle, or floor. See general rules for other specifications.

COLLECTIBLES—County Project Only

General Information:

1. No living plants or animals may be displayed as a collection.
2. All exhibits should be in a display case or a container of appropriate size for that exhibit.
3. The exhibit should be fastened to a display board so that it can be moved as a unit for judging.
4. Exhibits should not exceed 2 feet in height.
5. If the collection is too large or valuable to exhibit, a notebook containing photos and description of your collection can be exhibited with or in place of your collection. Photo quality will not be judged, but pictures should be clear and sharp if possible. All photos should be neatly arranged and labeled.
6. **Story, questions, collection records, and exhibit are all judged as part of this project.**
7. You may add to your collection each year or exhibit a different collection adding pictures from previous years in notebook form.
8. Collection records should begin with your first item collected listed chronologically to the last item collected. Items numbered in your display should match the item's number on your record sheet.

Exhibits Requirements:

Beginners—Grades 3-5

- Exhibit all, a portion, or an example of your collection.
- Plan an attractive display that does not exceed 12" x 18".

Intermediate—Grades 6-8

- Exhibit a new collection or a continuation of your Beginning collection with an expanded story and collection record that is judged as part of your exhibit.
- Exhibit may be smaller but is not to exceed 18" x 18".

Advanced—Grades 9-12

- Exhibit a continuation of previous collection or a new collection with an expanded story and collection record that is judged as part of your exhibit.
- Exhibit may be smaller but is not to exceed 24" x 24".

CONSUMER CLOTHING—State Fair Project

General Information:

1. Complete one activity from each activity group in the manual. Choose different activities each year. Write your results or answers in a notebook. Carefully follow instructions in the manual. Label each activity so you can discuss it with the judge. Include only the activities for the category in which you are enrolled. Identify each year with a divider tab. See General Hints for Your Exhibit on page 14 for notebook guidelines. 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.
2. 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.
3. Model your outfit during judging. Be prepared to discuss with the judge your purchases and what you learned about the activities you completed. You will also need to have your manual and notebook with you during judging.
4. 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.

Exhibit Requirements:

Beginner—Grades 3-5

- Purchase an item of clothing that will be worn with other clothes in your wardrobe. For example: slacks, blouse, jeans, shirt, sweater or sweatshirt.
- Select an accessory that goes with your purchase, such as shoes, sweat band, jewelry, socks, etc.

Intermediate—Grades 6-8

- Purchase and accessorize a casual or school outfit. Accessories may be purchased or from items you already own.

Advanced—Grades 9-12

- Choose an outfit and accessorize it. You may purchase or select from items you already own.
- If a member has completed all activities in the manual in prior years, the member is to consults with their Extension Educator, Leader or mentor to create an activity. When assembling the exhibit notebook be sure to include a note to the judge explaining how the activity was determined and the intended objectives.

CREATE WITH A MIX—County Project Only

For food competitions: Filling, frosting, glazing, pie filling, and meringue, (whether uncooked or cooked) 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 and 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. Contestants 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).

For ice cream competitions: Raw eggs must be heated to 160°F (verified by a calibrated thermometer) before using in an ice cream recipe. The previous practice of heating eggs until they ‘coat a spoon’ is no longer acceptable. It is recommended that powdered or pasteurized eggs be used in place of raw eggs. Indiana State law prohibits the sale of ice cream that is prepared from a mix that is not pasteurized just prior to freezing. Please check with your county extension educator to see if you county hosts an ice cream competition.

Judges and individuals who will consume products from county and state competitions should be informed that they are at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during or following the competition. Tasting of a food product is solely at the discretion of the judge. Judges are **NOT** to taste any low-acid or acidified preserved food, like green beans or tomato products, and are discouraged from tasting any other home preserved food. Consumers of competitive food exhibits being sold at auction or used for hospitality purposes should be notified they could be at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a “potentially hazardous food” has been properly prepared or handled before, during, or following the competition.

Labeling:

1. Cover label with clear plastic wrap or laminate to prevent grease stains.
2. Securely tape or pin the label to the paper plate or container before the product is wrapped.

Recipe Cards:

1. A recipe card (no larger than 5 ½” x 8 ½”) is required for all food exhibits. Be sure to include the recipe source and all information requested in the exhibit description, as well as your name, county, and the grade level/exhibit option. It is recommended that you wrap the card in plastic wrap or laminate. Recipe cards may not be returned.
2. 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.

How to prepare products for display:

1. Most food products should be displayed on a paper or foam plate. All foods exhibits must be displayed on disposable materials.
2. 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.
3. Any other 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.
4. Pies should be exhibited in a disposable pie tin.

This project is designed to allow the use of a purchased box or packaged mix as **one** of the ingredients in a recipe. Exhibited product cannot be the result of making the product straight from the box or package. The mix is to be used as a base with one or more added ingredients to create a new product.

Exhibitors are to follow the general requirements, food competitions, labeling, recipe cards, and how to prepare products for display as stated above. **However, on the recipe card the exhibitor must underline the one or more ingredient(s) added.** This will show the judge what has been modified to create a new product.

Completed record sheet handed in on day of judging. If these requirements are not met, exhibit will be dropped a letter grade.

Level A (Grades 3 & 4)**Grade 3**

- Modified cookie mix – Three (3) drop, molded, or bar cookies

Grade 4

- Modified muffin mix – Three (3) muffins (no liners or frosting)

Level B (Grades 5 & 6)**Grade 5**

- Modified layer cake from a mix (no frosting) can be square, oblong, or round

Grade 6

- Modified quick bread from a mix (ex. Banana, pumpkin)

Level C (Grades 7—9)

Grade 7

- Modified rolls or biscuits – Three (3) no yeast biscuits or rolls

Grade 8

- Modified yeast bread from a mix (may use a bread machine)

Grade 9

- Modified angel food or sponge cake (no frosting)

Level D (Grades 10—12)

Grade 10

- Make something using frozen or refrigerated biscuits, crescent rolls, or phyllo dough as the base.

Grade 11

- A single or double crust baked fruit pie. Crust must come from a mix. Filling or topping can be from a can, mix, or from scratch. (No custard, cream, or cream cheese)

Grade 12

- Modified candy mix

CREATIVE WRITING—County Project Only

General Information:

1. Writing may be typed or hand written
2. Follow page six in the manual for assembly of projects
3. Be sure to read all sections and guidelines in the manual
4. Spelling, grammar, and neatness will be considered when judging the exhibits

Exhibit Requirements: (Choose one of the following to exhibit.)

Beginner (Grades 3-5)

1. Poetry – exhibit a note book including at least 5 poems you have written. Poems may be any length or style. Select and identify 1 of your poems to be critiqued at judging.
2. Journaling – Exhibit your journal or notebook that shows at least 30 days of journaling. Date each journal entry.
3. Short Story – Exhibit a notebook with 2 short stories you have written. They must be at least one page in length. Select and identify 1 story to be critiqued at judging.

Intermediate (Grades 6-8): (Choose one of the following to exhibit.)

1. Poetry – exhibit a notebook including at least 10 poems you have written. Poems may be any length or style. Select and identify 2 of your poems to be critiqued at judging.
2. Journaling – Exhibit your journal or notebook that shows at least 45 days of journaling. Date each journal entry.
3. Short Story – Exhibit a notebook with 4 short stories you have written. They must be at least one page in length. Select and identify 2 stories to be critiqued at judging.
4. Children’s Story – Exhibit a short story written specifically for Preschool children including illustrations.
5. Autobiography

Advanced (Grades 9-12): (Choose one of the following to exhibit.)

1. Poetry – exhibit a notebook including at least 15 poems you have written. Poems may be any length or style. Select and identify 3 of your poems to be critiqued at judging.
2. Journaling – Exhibit your journal or notebook that shows at least 60 days of journaling. Date each journal entry.
3. Short Story – Exhibit a notebook with 6 short stories you have written. They must be at least one page in length. Select and identify 3 stories to be critiqued at judging.
4. Children’s Story – Exhibit a short story written specifically for Preschool children including illustrations.
5. Autobiography or Biography
6. Advertisement – Exhibit a 1 page advertisement for a fictional product. It may be with or without illustrations by the exhibitor. It may be serious or humorous. You may attach 1 paragraph describing the product on a sheet under the advertisement.

CROPS – Alfalfa—County Project Only

Exhibit Requirements:

All divisions - Exhibit a baled slice of alfalfa, clover, or mixed grass and legume hay.

CROPS – Corn—County Project Only

Exhibit Requirements:

All divisions – Exhibit two (2) corn stalks in two (2) clean matching buckets (one stalk in each bucket of dirt). Plus a root with a 12 inch stalk – all dirt removed.

CROPS – Soybeans—County Project Only

Exhibit Requirements:

All divisions – Exhibit six (6) stalks (including roots). Remove excess dirt.

CUPCAKE DECORATING—County Project Only

General Requirements:

1. All cupcakes exhibited must meet the specific division requirements (no more, no less) or they will be scored down.
2. All cupcakes must be a standard size Styrofoam Dummy Cupcake. Miniature or larger cupcakes will be disqualified.
3. Each cupcake in the Beginner or Intermediate levels must be in a paper or foil liner jacket.

4. All cupcakes must be on a solid display board no larger than 12" x 12" (Beginner & Intermediate) or 24" x 24" (Advanced).
5. All cupcakes do not need to be decorated identically. Each may be their own design as long as they meet the specific requirements.
6. Exhibit should be made using 100% edible decorations. Icing or fondant must be used in your project. Cupcake form must be Styrofoam. Items that are edible must be attached naturally. Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable. If using premade decorations (flowers, letters, etc.) please use as accent to design only, not as majority of decoration. Exhibits with plastic figurines and other non-edible items for decorations will be disqualified.
7. Special backdrops, pictures, etc. are not allowed.
8. Attach a 3" x 5" card with a description of your project to your exhibit.
9. Exhibits will be judged on visual presentation including creativity, neatness, and originality.

Exhibit Requirements:

Beginner (Grades 3—5)

- Display three (3) individually decorated cupcakes. Cupcakes must be displayed in a single layer, on a solid display board, covered, no larger than 12" x 12". Each cupcake must be in a paper or foil liner jacket. Each cupcake must be frosted using frosting or fondant. One (1) to four (4) different edible decorative item(s) may be used. Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable.

Intermediate (Grades 6—8)

- Display six (6) decorated cupcakes. Any number of edible decorative items may be used per cupcake. Cupcakes must be decorated using a theme of your choice. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Each cupcake must be frosted using frosting or fondant. Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable. Cupcakes must be displayed in a single layer, on a solid display board, covered, no larger than 12" x 12". Cupcakes must be in a paper or foil liner jacket.

Advanced (Grades 9—12)

- Display six (6) or more cupcakes, decorated in a theme. Any number of edible decorative items may be used per cupcake. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Each cupcake must be frosted using frosting or fondant. The top as well as the sides may be decorated, but not required. Paper or foil liner jackets are not required, but may be used. The project requires a display board, covered; however props may be used to display cupcakes (ex. cupcake tree), as long as the props fit onto the display board. Props will not be part of judging. Your cupcake display area must not exceed 24" x 24".

DOG—State Fair Project

General Information:

1. Members must be enrolled in a local club. If dog is the only project that a member is going to take, they can be a member of the dog club without having to join another local club, but will pay dues to the dog club.
2. All exhibitors must be properly enrolled in the Starke County 4-H program and the dog obedience project prior to attending training.
3. Current vaccinations are required before training can begin. Rabies, Distemper, Hepatitis, Leptospirosis, Parvovirus, Para influenza, and Bordetella are required. A negative heartworm test is also required. Proof of vaccinations should be submitted to the leaders on a current state vet form (4-H 671-W).
4. All exhibitors MUST attend a training session prior to fair to be eligible to exhibit your dog at the fair.
5. All dogs must be 6 months of age or older, unless approved by leaders, and be physically sound.
6. All dogs will be trained and shown on a slip collar, buckle collar or showmanship lead. No pinch/prong collars may be used without authorization of the leaders.
7. Female dogs that are in “season or heat” will be allowed to train and show as long as the leaders are notified so accommodations can be made to be fair to all dogs.
8. The leaders have the right to dismiss any dog, which may be a threat to the safety of other dogs or people.
9. The purpose of this project is for the 4-H member to learn how to care for, and train their dog, thus the 4-H member should be responsible for all training, care, and feeding of the dog whenever possible.
10. If training/exhibiting a dog that has previous training, the dog must be shown in the last 4-H class entered in or an equivalent class to the training the dog has received. Leaders have the right to place a dog in a class that matches its abilities. If a dog holds a AKC, UKC or other organization obedience title prior to May 15th of the current year, the dog must be shown in a class equivalent to the title or higher.
11. Appropriate attire is required at all practices and shows. Exposing cleavage, bare midriff, or buttocks is inappropriate. Smooth soled boots, high heels, loose fitting shoes, floppy sandals, or other unsafe footwear are not appropriate attire. If you come to training with inappropriate attire, you will be asked to leave.
12. Every member and a parent must work a shift at our food booth during the fair. This is our only fundraiser that pays for shirts, sweatshirts, and a year-end trip. If a member and parent do not work their shift, the member will be ineligible to receive shirts, sweatshirts, trips, etc.
13. Every member that has worked in the booth will receive 3 shirts throughout their dog club career starting with their 2nd year in. Shirts will not be given in two consecutive years. After 5 years of showing a dog, the member will receive a sweatshirt. Their senior year in high school, they will receive a plaque at the fair as long as they have been in the club and shown a dog for at least 5 years.
14. First year members must show their dog in obedience, showmanship, and display a poster at the fair.

15. 1 activity from any chapter must be completed in the dog manual. The manual will be turned in to the leaders the day of the dog show.
16. Project Level 1 – Grades 3-5; Project Level 2 – Grades 6-8; Project Level 3 – Grades 9-12
17. See page 10 for the Indiana 4-H Aggressive Dog Policy.

Obedience Classes:

1. Class 1A (Score Sheet 4-H 498)—For 4-H members with no previous formal dog training experiences with a dog which has received no obedience training prior to Jan. 1 of the current year. (repeatable for exhibition only)
2. Class 1B (Score Sheet 4-H 580)—For 4-H members with previous dog training experience (including showing in 1A), or 4-H members with no training experience whose dogs have had training which disqualifies them for 1A. (repeatable for exhibition only)
3. Class 2A (Score Sheet 4-H 499)—For 4-H members and dogs which have completed 1A or 1B. (repeatable for exhibition only)
4. Class 2B (Score Sheet 4-H 712)—For 4-H members and dogs which have completed 2A. (repeatable until ready for 3A)
5. Class 3A (Score Sheet 4-H 500A)—For 4-H members and dogs which have mastered Class 2 work. (repeatable for exhibition only)
6. Class 3B (Score Sheet 4-H 500B)—For 4-H members and dogs which have been in 3A, but are not ready for Class 4 work. (may be repeated)
7. Class 4A (Score Sheet 4-H 501A)—For 4-H members and dogs which have mastered Class 3 work. (repeatable for exhibition only)
8. Class 4B (Score Sheet 4-H 501B)—For 4-H members and dogs which have been in 4A, but are not ready for Class 5 work. (may be repeated)
9. Class 5A (Score Sheet 4-H 502A)—For 4-H members and dogs which have mastered Class 4 work. (repeatable for exhibition only)
10. Class 5B (Score Sheet 4-H 502B)—For 4-H members and dog which have been in 5A, but are not ready for Class 6 work. (may be repeated)
11. Class 6A (Score Sheet 4-H 581A)—For 4-H members and dogs which have mastered Class 5 work. (repeatable for exhibition only)
12. Class 6B (Score Sheet 4-H 581B)—For 4-H members and dogs which have been in 6A. (may be repeated)
13. Veterans (Score Sheet 4-H 4-H 870)—For 4-H members whose dogs are at least seven (7) years old or are physically challenged. The dog must have completed at least Class 2B in previous years. Dogs who are physically challenged must be accompanied by a letter from a veterinarian stating that the dog is unable to perform jumping and/or retrieving exercises. A dog may not be shown in any other obedience class at the Indiana State Fair 4-H Dog Show, once they have competed in the Veteran's class.
14. Fouling the ring or leaving the ring will be a 10 point deduction.
15. You may work toward any class that you wish to try, however the leaders will make the final decision of what class you will show in so that you and your dog will succeed.

Showmanship Classes:

1. Novice Showmanship—For first year members with no show experience. (Non-State Fair class)
2. Junior Showmanship—For any 4-H member who is in the 4th or 5th grades on January 1st of the current year. Once an exhibitor is the Junior Showmanship winner at the State Fair, he or she is only eligible to compete in Intermediate or Senior Showmanship in subsequent years.
3. Intermediate Showmanship—For any 4-H member who is in the 6th, 7th, or 8th grades on January 1st of the current year. Once an exhibitor is the Intermediate Showmanship winner at the State Fair, he or she must compete in Senior Showmanship in future years.
4. Senior Showmanship—For any 4-H member in the 9th grade or above on January 1st of the current year.

Proper attire: Girls—dress, skirt and blouse, culottes, or dress pants. Boys—dress pants, dress shirts, coat and tie are optional.

Inappropriate attire: smooth soled boots, high heels, backless slip-on shoes, loose fitting shoes or other unsafe footwear.

See 4-H 716W (Indiana 4-H Dog Showmanship Guide) available through your County Extension Office for further detail and clarity on attire, patterns, tips and judges guidelines.

A dog fouling in the ring will be a 10 point deduction.

Agility:

The 4-H Dog Agility Program is based on guidelines from the United Kennel Club. Some modifications to the UKC rules have been made to provide a program suitable for 4-H handlers of all ages.

1. Dogs showing in agility at the Indiana State Fair are required to have shown in obedience at the current State Fair, and must be at least 1 year old on day of show. Agility is recommended for 1B dogs and higher. Dogs that have been disqualified in Obedience may not compete in Agility. In situation where the dog completes Agility before they complete Obedience; the Agility score sheet will be pulled for that exhibitor.
2. Each class will offer four (4) division based on the dog's height at the withers. Dogs 7 years and over (veterans) may jump one jump height lower than their actual height.
 - a. Division Toy—dogs up to and including 10" will jump 4" hurdles
 - b. Division 1—dogs over 10" and up to and including 14" will jump 8" hurdles
 - c. Division 2—dogs over 14" through 20" will jump 14" hurdles
 - d. Division 3—dogs over 20" will jump 20" hurdles
 - e. The pause table will be at the hurdle height for each division.
3. All agility work will be done on a flat, buckle collar.
 - a. Beginning level A must use a six-foot lead.
 - b. All other levels will be off lead at the State Fair.
 - c. Collar tags will not be allowed.
4. Scoring will be based on UKC agility rules starting with 200 points and subtracting performance faults based on a set course time. Time faults for course times exceeding the

- set time will be deducted by the amount in seconds over the set time. Division 1 dogs and giant breeds (refer to UKC list) will have five (5) seconds added to the set course time.
5. Agility regulations not covered by these terms and conditions will be based on the regulations of the United Kennel Club Inc., 100 E. Kilgore Rd., Kalamazoo, MI 49002-5584, (616)343-9020, www.ukcdogs.com. For information on obstacle specifications, please contact the State 4-H Office (765-494-8439).
 6. If a dog fouls in the ring during the walk through there will be a 10 point deduction in the agility score. If a dog fouls in the ring during the scored run, it will be disqualified immediately.
 7. It is highly recommended that agility participants wear tennis shoes for competition.
 8. Handlers who need the aid of supporting devices (crutches, wheelchair, etc.) may request extra time for completion of the course. This request must be made to the show manager before classes begin that day; and the amount of time allowed will be determined by the judge.

Agility Classes:

1. Novice—Only for 1st year members with no agility experience. (Non-State Fair class)
2. Beginning A—Neither 4-H member nor dog have previously participated in Agility. 4-H members must use 6' leash. (not repeatable)
3. Beginning B—4-H member or dog has participated in Agility before, either with the current dog/handler, or a different dog/handler. Exercises must be off leash. Dogs should repeat Beginning B until they can perform intermediate level work.
4. Intermediate A—4-H member has not previously participated in Intermediate Agility. (not repeatable)
5. Intermediate B—4-H member has participated in Intermediate Agility before, either with the current dog, or a different dog. The Intermediate B class should be repeated until the dog can perform advanced level work.
6. Advanced A—4-H member has not previously participated in Advanced agility. (not repeatable)
7. Advanced B—4-H member has participated in Advanced Agility before, either with the current dog, or a different dog. This class may be repeated.
8. Excellence A—4-H member has not previously participated in Excellence Agility. (not repeatable)
9. Excellence B—4-H member has participated in Excellence Agility before, either with the current dog, or a different dog. This class may be repeated.

You may work towards any class that you feel you would like to try, but the leaders will make the final decision what class you will show in to succeed.

Dog Poster:

A poster may be exhibited by the 4-H member. First year members must exhibit a poster at the fair. Topic is open as long as it is dog related. See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

Costume Class:

This class is open to all dog members. This is a non-themed class, meaning you can dress yourself and your dog as anything you want. (Non-State Fair class)

Overall Grand Champion & Reserve Overall Grand Champion:

These awards are given to the members with the highest scores. This is only available to members in Beginner B Agility or higher.

Points Scale:

Obedience Score (200 points possible)

Showmanship Score (200 points possible)

Agility Score (100 points possible)

Poster Score (100 points possible)

Costume Class (5 points for entering)

Demonstration (5 points)

Manual (A Honor = 5 points; A = 4 points; B+ = 3 points; B = 2 points)

Scholar Test Score (100 points possible)

Total possible points = 715 points

ELECTRIC—State Fair 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. See General Hints for Your Exhibit on page 14 for poster guidelines.

Division I

1. Make a circuit board.
2. Conduct a Hazard Hunt
3. Complete all activities in your manual and submit it with your exhibit at Fair.

Exhibit Requirements: A circuit board no larger than 6" by 6" (using the kit provided, label parallel or series circuit)

Division II

1. Make a magnetic powered flashlight or exhibit a poster (22" x 28") on a topic described in the manual.
2. Complete all activities in your manual and submit it with your exhibit at Fair.

Exhibit Requirements: A magnetic powered flashlight or a poster (22" x 28") as outlined in the project manual.

Division III

1. Make one of the following:
 - a. Build an extension cord using all new parts
 - b. Build an incandescent trouble light using all new parts
 - c. Build a fluorescent trouble light using all new parts
 - d. Repair an extension cord or trouble light by replacing the cord, plug, connector body or socket handle with a new part(s)
 - e. Create a poster about
 - wire size
 - wire type
 - current carrying capacity
 - the parts of an extension cord or trouble light
 - an important safety-related topic
 - any topic covered in the Division III manual

All poster exhibits 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 transparent material. Place standard identification label with your name, grade and county in the lower right-hand corner of the poster.

2. Complete all activities in your manual and submit it with your exhibit at Fair.
Note: for parameters on any of the above project options, see the Division III electric manual.

Exhibit Requirements: An extension cord, a trouble light, or a poster as outlined in the project manual. If the exhibit is not a poster, attach a note explaining how it is to be used.

Division IV

1. Complete the activities presented in the manual.
2. Make or remake a lamp, or make a poster or display board on any topic covered in the manual.
3. Complete your manual and submit it with your exhibit at Fair.

Exhibit Requirements: A made or remade lamp, display board or poster on any topic cover in manual.

If the exhibit is not a poster, attach a note explaining how it is to be used.

Display boards should be appropriately sized for the displayed equipment.

All poster exhibits 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 transparent material. Place standard identification label with your name, grade and county in the lower right-hand corner of the poster.

Advanced Division 5-10 Electricity & Electronics (This book is being updated and you may find other resources at your local library, electricians, instructors, internet, etc. to provide guidance for your project).

The Advanced Division is split into two different categories. One area is "Advanced Electric 5-10" and the second is "Advanced Electronics 5-10." You may choose one category for your Advanced 5-10 exhibit.

Exhibit **ONE** of the following:

1. An article based on wiring around the home, farm, or facility, etc.
2. An article made in the area of heating and cooling.
3. An article made in the area of lighting.
4. An article made in the area of electronics (advanced division electronic projects may contain and use molded plugs if they are part of the electronic kit)
5. An article made in the area of power.
6. A written report on: consumer buying, better electrical methods, or electrical careers.
7. A written notebook report with photos of individual steps (close-up) and overall work, illustrations, explanation of each step performed, explanation of overall work done, reasons for performing work, reasons for selecting materials used, list of materials used and prices (budget), schematics, etc. of electric project. This option allows you to use your imagination and complete any electrical project that you cannot physically bring to the fair to exhibit. You could wire a room in a house, the barn, outdoor lighting, indoor lighting, control systems, alarm systems, etc.
8. Display Board (no larger than 36"x36"x36") showing home wiring (3-way switch, 4-way switch, GFCI Grounding, Circuit Protection, etc.) or any topic covered in the Advanced Division manual.
9. 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 MP3 or 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.

Attach to the exhibit any kit instructions or book/manuals if you feel they will help explain the operation of the exhibit. This may be important for advanced electronic projects.

If the exhibit is not a poster, attach a note explaining how it is to be used.

ENTOMOLOGY—State Fair Project

General Information:

- **References:** one of the following
 - 4-H 764, How to Study, Collect, Preserve and Identify Insects.
 - How to Make an Awesome Insect Collection, ID-401 (available online, extension.entm.purdue.edu/401Book/default.php?page=home, or through the Education Store).
- **Title:**
 - **Collection**—Insect Collection, Grade X (where X = your grade in school)
 - **Poster**—Choose one of the topics listed below, appropriate for your grade in school, 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

- **Display:**
 - Collect, mount (pins or vials), and identify insects personally collected in the U.S. only.
 - Display your best specimens in an 18” X 24” box(es), orientated horizontally. When multiple boxes are used: list the box order (i.e. “box 1 of 3 boxes”) and include your name in each box.
 - ID 401 cards (for grades 3-8) and ID 401-I cards (for grades 9-12) are to be placed inside the display box in an attractive manner.
- **Identification:**
 - Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below).
 - 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 (computer generated or neatly printed) 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 family 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 that family label.
- **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).

Exhibit Requirements:

Grade	Display	Max. # of Collection Boxes
3	10 insects, identified and pinned on cards (ID 401A)	1
4	20 insects, mounted (pins or vials). Identify all insects by common name and identify five (5) to order. Include card ID 401B.	1
5	30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include ID 401C.	1
6	40 insects, exhibit a minimum of 6 orders, mounted (pins or vials). Identify all insects by common name and order. Include ID 401D.	2
7	50 insects, exhibit a minimum of 8 orders, mounted (pins or vials). Identify all insects by common name and order. Identify ten (10) to family. Include card ID401E.	2

8	60 insects, exhibit a minimum of 10 orders, mounted (pins or vials). Identify all insects by common name and order. Identify 30 to family. Include card ID 401F.	2
9	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect behavior. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
10	80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect pest management. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
11	90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insects in the environment. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
12	100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: benefits of insects. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3

***Educational Box**—The educational box (grades 9-12) is in addition to the insect display box(es). This box should be created in such a way as to teach something about the assigned theme to the general public.

Poster Option:

Create an exhibit that shows the public what you learned in the entomology project this year. Choose one of the topics 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. See General Hints for Your Exhibit on page 14 for poster guidelines. 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.

Level 1 (Grades 3-5)—Display a poster based on the following activities:

- **Big Mouth Bugs**—Show the four (4) different mouth types that you studied. Create a chart listing the four mouth types, an insect with this mouth type, food they eat, and where these insects might be found.
- **FACETnating!**—Show how insects see (compound eyes) and explain how they see colors.
- **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-zing Around**—Present three to five ways that insects communicate. Include an insect, or picture of each insect that communicates in each of the ways you are describing.
- **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.

Level 2 (Grades 6-8)—Display a poster based on the following activities:

- **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 back yard), 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 eight (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.

Level 3 (Grades 9-12)—Display a poster based on the following activities:

- **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.
- **IPM—Learning and Teaching**—Make an informational flier 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 flier, 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.

Independent Study Option (Grades 9-12):

- **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 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 Entomology—Mentor.”

FARM TOY SCENE—County Project Only

This project and exhibit is designed to motivate and interest young people in modeling a custom built farm toy display. The 4-H member will create a realistic setting around manufactured or custom built farm toys. The project will allow for the 4-H member to increase his/her awareness of agriculture and farm operations. Modeling is very personal and involves much imagination, members are encouraged to display their many artistic abilities in this project to depict realistic agriculture related scenes. Learning about aspects of farming will be helpful when illustrating and designing your scene.

General Information:

1. Exhibit your display according to the guidelines listed below.
2. Complete the Record Sheet, include the signature of your Adult 4-H Club Leader and turn in with your project at the Fair.
3. Exhibits will be judged according to the following criteria: artistic arrangement of exhibit and realistic setting around toys. Points will be deducted for each item included that is not in your division.
4. Toys used in your display can be any scale desired, the recommended size is 1/64 or 1/16.
5. Model toys may be obtained at farm equipment dealers, department stores, and farm toy shows. Farm toy shows will probably offer the largest selection of toys. Construction toys may be included in any scene as long as it is included as part of the scene.
6. Landscape supplies can be obtained at hobby shops, craft supply stores, and some items may be found in your back yard.
7. All displays must be built on rigid wood (i.e. plywood).
8. Every effort will be made to keep your exhibit safe, but the Starke County Fair, Inc. and 4-H Council and Purdue University Cooperative Extension Service are not responsible for lost or damaged items from your project.

Beginner (Grades 3-5)

Exhibit a Farm Scene display not to exceed 24”X 24” in size. This division will be limited to any type of fieldwork (tilling, planting, disc/tiller, planter, tractor, cultivator). Roads, lanes, trees, light poles, fencerows, and backdrop may be used to set off the field or fields. No people or animals may be used.

Intermediate (Grades 6-8)

Exhibit a Farm Scene display not to exceed 24”X 36” in size. This division will be limited to any type of fieldwork (tilling, planting or crop harvesting). Equipment may include any of the following: disc/tiller, plow (any type), planter, tractor, cultivator, combine, grain wagon/cart, truck, hay baling equipment, hay wagon. Roads, lanes, trees, light poles, fencerows, backdrop, and animals may be used. No people may be used.

Advanced (Grades 9-12)

Exhibit a Farm Scene display not to exceed 36”X 36” in size. This division is open to create any type of farm scene you want. Example: Farmstead (buildings, grain handling equipment, field work, harvesting) or Farm Equipment Stores.

FLORICULTURE—State Fair Project
--

Note to youth exhibitors:

Each level (A-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 3rd grade you display a simple bud vase (category 1), in 4th grade you should choose a poster/notebook option or flower/plant exhibit from categories 2, 3 or 4. You should pay special attention to size guidelines for Flower and Plant Exhibits. Instructions for exhibits and related activities can be found in the 4-H Floriculture manuals. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Notebook Guidelines:

- Sturdy 3 ring binder or a bound type notebook (both with stiff covers)
- Notebook should accurately meet 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 the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their 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:

- See section General Hints for Your Exhibit (on page 11)
- Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
- When designing your poster you should consider: lines, shapes, textures, colors and placement of items
- Pictures, graphics, and artwork are encouraged

- Make sure the poster 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 poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc.) and/or activities to create the poster.

Exhibit Requirements:

Level A (Grades 3 & 4)

Flower and Plant Exhibit 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 not to exceed 1.5 inches and 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 flowers you purchased.
 - a. Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **1-3 stems** of a main flower along with appropriate amount of filler flower 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 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 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:

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

Level B (Grades 5 & 6)

Flower and Plant Exhibit 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 exhibit space must not exceed 18" x 18" (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" x 18").
3. Display one house plant (foliage and/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 and 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.
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.

Action Demonstration:

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

Level C (Grade 7-9)

Flower and Plant Exhibit Categories:

1. Display a terrarium
 - a. 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
 - a. Exhibit a container or plants (3 or more kinds of plants) that you have planted and cared for a minimum of 2 months. See activity for information on plants and design. The container should not exceed exhibit space of 18" x 18" (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 a specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and dried plant materials. NO artificial flowers/plant material should be included. Bows and decorative items are okay. Maximum size 24"x 24", height will be variable.
6. Create a flower arrangement using either roses or lilies as the primary component of the arrangement. Arrangement should be made with all fresh materials (NO artificial flowers/plant material). 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, selection 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:

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

Level D (Grades 10-12)

Flower and Plant Exhibit Categories:

1. Create a seasonal arrangement from only fresh flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. For example, fall mums or spring tulips. Maximum size 24" x 24" x 36". 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 flower/plant material. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24" x 24" x 36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
3. Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. Maximum size 24" x 24" x 36". 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. Bouquet should include **only fresh plant materials**. Bows 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" x 24" x 36" and be made from EITHER fresh flower and/or plant materials or artificial or silk flower 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, mum in fall, etc.) or how to utilize similar flowers to make different styles of arrangements.
3. Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types of flowers, different times of the 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 are they, how are they used, pros and cons.
9. Explore and explain: be a plant detective—what kinds of problems you might have in growing and caring for flowers, and how to solve.

10. Describe an experiment you did and the results.
11. Describe a community service activity you did in relation to your flowers project: how, why, results.

Demonstration:

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

<p style="text-align: center;">FOODS & FOOD PRESERVATION—State Fair Project</p>
--

General Requirements:

1. Members are required to complete a minimum one (1) activity each year they are in the project.
2. Project manual MUST accompany the exhibit.
3. Unless otherwise stated, mixes are not acceptable. Items must be made from scratch.

For food competitions - Filling, frosting, glazing, pie filling, and meringue, (whether uncooked or cooked) 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 and 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. Contestants 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).

Judges and individuals who will consume products from county and state competitions should be informed that they are at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during or following the competition. Tasting of a food product is solely at the discretion of the judge. Judges are **NOT** to taste any low-acid or acidified preserved food, like green beans or tomato products, and are discouraged from tasting any other home preserved food.

Consumers of competitive food exhibits being sold at auction or used for hospitality purposes should be notified they could be at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during, or following the competition.

Labeling:

1. Cover label with clear plastic wrap or laminate to prevent grease stains.
2. Securely tape or pin the label to the paper plate or container before the product is wrapped.

Recipe Cards:

1. A recipe card (no larger than 5 ½” x 8 ½”) is required for all food exhibits. Be sure to include the recipe source and all information requested in the exhibit description, as well as your name, county, and the grade level/exhibit option. It is recommended that you wrap the card in plastic wrap or laminate. Recipe cards may not be returned.
2. 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.

How to prepare products for display:

1. Most food products should be displayed on a paper or foam plate. All foods exhibits must be displayed on disposable materials.
2. 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.
3. Any other 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.
4. Frozen food exhibits (containers and food) may not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers.
5. Pies should be exhibited in a disposable pie tin.
6. All canned products must have the ring on the jar top to protect the seal.

If these requirements are not met, the exhibit will be dropped a letter grade.

Complete record sheet in the back of the record manual. Complete a Food Preservation activity if you are exhibiting a Food Preservation project.

Level A (Grades 3 & 4)

Grade 3—Exhibit options:

- *Foods:* Three snack-sized (approximately 2”-3” individual size) drop, molded or bar baked cookies. No glaze or frosting. Include recipe card and display on a dessert size paper or foam plate.
- *Food Preservation:* A package of 3 baked, snack-sized (approximately 2”-3” individual size) frozen cookies. Display in freezer bag or freezer container. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.

Grade 4—Exhibit options:

- *Foods:* Three standard size muffins that contain an ingredient that is a source of Vitamin A or Vitamin C (no muffin liners). Include recipe card.
- *Food Preservation:* One package of frozen berries. Display in freezer bag or freezer container. Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date frozen.

Level B (Grades 5 & 6)

Grade 5—Exhibit options:

- *Foods:* A square, oblong or round 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. Include recipe card

- *Food Preservation:* 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.

Grade 6—Exhibit options:

- *Foods:* Three no-yeast, any shape pretzels with a whole grain flour mixture (shaped, stick or nugget) OR 3 no-yeast sweet or savory rolled biscuits with a whole grain flour (no drop biscuits.) Include recipe card.
- *Food Preservation:* One package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.

Level C (Grades 7-9)

Exhibitors may choose one option from the following lists. It is suggested a participant choose a different option each year, but this is not a requirement.

Foods (Baked Product) Options:

- Three yeast bread sticks or yeast rolls (any shape, medium size—not a sweet roll), using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Include recipe card. 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, but not rolls) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Include recipe card. 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.
- One package of a non-perishable, 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.

Food Preservation Options:

- One 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. Note: Only food preservation products made using USDA approved or *Ball Blue Book* recipes 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. Note: Only food preservation products made using USDA approved or *Ball Blue Book* recipes are acceptable.

Level D (Grades 10-12)

Exhibitors may choose one option from the following lists. It is suggested a participant choose a different option each year, but this is not a requirement.

Foods (Baked Product) Options:

- A single or double crust baked fruit pie (no graham cracker crust). Include recipe card. (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 non-perishable 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 and should be no larger than 16” deep x 22” wide x 28” high. Include index card with recipe.
- Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a non-perishable 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. Include index card with recipe.

Food Preservation 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. Note: Only food preservation products made using USDA approved or *Ball Blue Book* recipes are acceptable.
- One package of a combination food frozen entrée in a 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. 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.

FORESTRY—State Fair Project

Create an exhibit that shows the public what you learned in the forestry project this year. 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. Be sure to include a label with your name, grade and division. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

If you are exhibiting leaves, they should be free of any damage. If you choose to write their scientific names, they must be in either italics or underscored. The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization. Scientific names are required for herbariums.

Level 1 (Grade 3-5)

Exhibit Requirements—Display a poster based on one of the following activities:

- **Leafing Out**—comparisons (pp 6 & 7). Collect, dry and mount 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 the tiles 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**—collection (pp 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**—(pp 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 and the “Parts of a Tree” diagram (4-H 641B).
- **Down in the Dirt**—(pp 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 root test chart (copy or recreate) showing the color, size, and shape information. Include any unique features you noted.
- **My Couch is a Tree?**—(pp 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**—(pp 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 types of trees you saw. Photographs of you hiking and some of the trees you saw will help tell your story.

Level 2 (Grades 6-8)

Exhibit Requirements—Display a poster based on one of the following activities:

- **The Leaf Machine**—(pp 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: CO_2 , H_2O , O_2 , and $\text{C}_6\text{H}_{12}\text{O}_6$. 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) and identify the crown, trunk (with the parts; heartwood, sapwood, cambium, and bark listed on the right), feeder roots, and anchor roots.
- **My State’s Forests**—(pp 14 & 15). Use a map, draw, or find a picture of Indiana on the internet (e.g. www.igic.org). Show where your home, your school, and your fairgrounds are located. Choose one of the following options to complete your poster.

- Show where Indiana's state forests are located. List a few facts about each. Visit a state forest and have someone take your picture by the sign, if possible.
- Show where some state parks and state forests are located (5-15). List some facts about each one. Visit a state park or forest and have someone take your picture by the sign, if possible.
- **Someone Call a (Tree) Doctor and Stop Bugging Me**—(pp 22-25). Collect 10 samples of tree leaves, twigs, stems, or roots damaged by insects or diseases and the fruiting body or disease that caused the damage. List information about the insect or disease and the species of tree that was affected.
- **Fire in the Forest**—(pp 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**—(pp 30 & 31). Complete the table to calculate the volume of 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 (FRN-4) and use that to calculate the volume of each tree. Explain why you think 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(s) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree(s) 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

Level 3 (Grades 9-12)

Exhibit Requirements—Display a poster based on one of the following activities:

- **A World of Forests**—(pp 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**—(pp. 20 & 21). Complete the questions about Tree City (page 20). Show (draw or use pictures) some trees that are often used in city plantings and explain the benefits of these trees.
- **Trim the Trees**—(pp 26 & 27). 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**—(pp 34 & 35). List 5 jobs that require a 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, pictures, 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-FAQ-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" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, 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 shrubs. Mount the specimens on 11 ½” x 16 ½” paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, 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.

Independent Study (Grades 9 – 12)

- **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 advances of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Forestry—Mentor.”

GARDEN—State Fair Project

General Requirements:

1. Any 4-H member who completed the garden project at the county level may exhibit at the State Fair. Check with the Extension Educator at the County Fair for requirements for the State Fair. You must call the Extension Office to let them know what you plan on exhibiting at the State Fair.
2. When planning the garden project, remember to plant enough of each variety for your exhibit.
3. The exhibit must be vegetables grown by the member and not purchased.
4. Vegetable exhibits will be discarded at the end of fair week unless a request is made prior to fair week.
5. Read the insert in your Garden Manual 4-H 970-W very carefully for suggestions for preparing your exhibit.

The gardening project introduces vegetable and herb gardening. The Gardening project is divided into four 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)

What can I learn?

You will learn about planning a vegetable garden, planting, fertilizing, different vegetable pests, harvesting, storage techniques, and careers.

Exhibit Introduction

Garden manuals:

See 4-H garden manuals and 4-H 970-W for exhibit preparation suggestions.

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. See General Hints for Your Exhibit on page 14 for project guidelines.

Exhibit Requirements:

Project Completion Recommendations:

1. Read and study 4-H Garden manual(s).
2. Plan your garden.
3. Select plants and seeds.
4. Plant your garden.
5. Care for your garden.
6. Harvest your produce.
7. Exhibit your produce.
8. Try something new, as listed in the manual.
9. Keep a complete record of your garden activities.
10. Complete activities as required in the manual.

Exhibit

A member may exhibit vegetables, a single herb and/or a Garden Education exhibit. You also may choose to exhibit in more than one of these categories.

4-H 970-W has been updated as of October 2015 with more specimens and new required numbers of specimens. Please carefully read these changes if you plan to exhibit at the State Fair. Follow your county Handbook for county exhibit guidelines.

- I. **Single Vegetable**—May be selected from 4-H Garden Publication 4-H 970-W (**updated yearly**) or list in the State Fair Premium book. Maximum of 5 different single plate exhibits per exhibitor. Single vegetable entries should be labeled with common names, Latin name, and variety of vegetable. The Latin names can be found in 4-H Garden Publication 4-H 970- W.

Example:

Green bean (*Phaseolus vulgaris*)

'Blue Lake 47 Bush'

II. Garden Collection

- Three (3) plates
- Four (4) plates
- Five (5) plates

In all three classes, vegetables are to be exhibited on paper plates and may include a display of not less than three garden flowers, grown in your own garden. Exhibitors may each exhibit one collection (3 or 4 or 5 plate garden collection) at State Fair. Garden collection entries should be labeled with common name, Latin name, and variety. Latin names can be found in 4-H Garden Publication 4-H 970-W.

III. Single Herb Exhibit

- Can enter three single herbs (all edible types) that must be labeled with common and Latin names and in pots 8” diameter maximum (maximum of three different pots)
- Resource HO-28; 4-H 970-W
- For list of herbs acceptable for State Fair, see State Fair handbook or 4-H 970-W

IV. **Garden Education**—One garden education exhibit per county. Anyone can complete Section IV (Garden Education exhibit), but members enrolled in Levels C and D of the garden project SHOULD exhibit one of the following activities in addition to the Produce Exhibit (Section I, II, and III)

Produce Options

1. Exhibit four (4) plates containing two cultivars of two different kinds of vegetables in your garden. *For example:* display tomato *Rutgers* and tomato *Roma* on two plates and spinach *Melody* and *America* on two plates. Label the cultivars you exhibit.
2. Label and exhibit three unusual vegetables (may or may not be discussed in your 4-H Garden Manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your Extension office. *For example:* spaghetti squash, head lettuce, etc.

Produce Options

3. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
4. 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).
5. Make a poster of a maximum of ten (10) pests (diseases, insects, weeds and/or rodents) you found in your garden this year, damaged caused, control measures used, and results.
6. Make a poster explaining a computer garden program or mobile application.
7. 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.
8. Make a poster showing your financial record.
9. Make a poster of pictures showing your experiences in hydroponics.
10. Make a poster explaining various career options working with vegetables/herbs.
11. Make a poster explaining types of pollinators and their importance in vegetable and fruit production.

12. 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.
13. Make a poster that shows different storage methods for vegetables.
14. Make a poster showing how to create a raised bed OR container vegetable garden.
15. Make a poster discussing how herbs listed on the last page of the 4-H Garden Publication 4-H 970-W are used and have been used throughout history. Be sure to include both culinary and medicinal uses as well as other unique uses, if any.

Resources

4-H garden Publication 4-H 970-W

Level A

Grade 3 – Choose 1

- One single plate of a vegetable you grew
- Garden Education exhibit
- One herb

Grade 4 – Choose 1

- Two single plates of different vegetables you grew
- Garden Education exhibit
- One herb

Level B

Grades 5 & 6 – Choose 1

- A collection of 3 different vegetables you grew
- Garden Education exhibit
- Two herbs

Level C

Grades 7-9

- A collection of 4 different vegetables you grew
- Garden Education exhibit
- Two herbs

Level D

Grades 10-12

- A collection of 5 different vegetables you grew
- Garden Education exhibit
- Three herbs

GENEALOGY—State Fair Project

General Requirements:

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. (If a notebook requires additional space, label it as notebook x, continued.) 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 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 members 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, glue stick, satin Scotch tape
- Scissors
- Correction tape

Lots of creativity to make the exhibit your own while still following the exhibit guidelines

Exhibit Requirements:

Division 1

1. Exhibit a 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 “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 a 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.

Division 2

1. Exhibit a 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 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 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.
2. Turn in a completed record sheet.
3. Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 2 ancestors 8-15 and related information.

Division 3

1. Exhibit a 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 ancestor is UNKNOWN, please indicate as UNKNOWN. **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.**
 - Additional Family Group Sheets for generation five (5). Sources of information must be filled in on all 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.
2. Turn in a completed record sheet.
3. Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 3 ancestors 16-31 and related information.

Division 4

1. 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 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.**
 - 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.
- 2. Turn in a completed record sheet.
- 3. Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 4 ancestors 32-63 and related information.

Advanced Division

1. Exhibit a notebook that includes the following:
 - Book #1
 - Seventh and eighth-generation pedigree charts, ancestors #64 through #255. 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 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.**
 - 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 Guides, 4-H 748.)
 - Book #2 (Ancestors 64-255 information)
 - Additional information worksheets
 - A diary of your work
 - Book #3 (Ancestors 64-255 information)
 - Any documents or pictures pertaining to these generations, correctly labeled.
 - Book #4
 - One new advances level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.
2. 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 that contains advanced division options and a second diary of work. If additional ancestry information was found in the seventh and eighth generation, exhibit Book 1 noting ancestors completed this year along with Books 2 and 3 demonstrating this year's 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. Including 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. 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.

GEOLOGY—State Fair Project

General Requirements:

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, and covered in clear plastic or other transparent material. Or, you may display your specimens in an insect box (18" x 24"), oriented horizontally. 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. 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. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Be sure to include your project label. 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.**

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 fair. Therefore, you need to need to mount your specimens securely. Project leaders suggest the following methods: soaking ½ 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 the 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.

Exhibit Requirements:

Level 1 (Grades 3-5)

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

- **The Rock Cycle**—Explain the rock cycle using both words and pictures. (Activity 2)
- **Rock Types**—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. (Activities 2-4)
- **How Rocks Change**—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. (Activity 4)
- **Rock Artwork**—Display your rock artwork and the story that you created. (Activity 12)
- **Collections**—Display and identify 8 rocks. (Activity 11)

- **Making Crystal Models**—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. (Activities 14 & 15)
- **Molds and Casts**—Display three molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast. (Activities 16 & 17)

Level 2 (Grades 6-8)

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)

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.

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”.

<h2>GIFT WRAPPING—State Fair Eligible under Arts & Crafts</h2>

Completely rewritten in 2020.

This manual is to be used for all divisions. A new record sheet is needed each year.

NOTE: Gift wrapping is a grade assigned project. You will be assigned to the division according to your grade in school at the beginning of the current year. **See your manual for additional information**

General Requirements:

1. Package for exhibit purposes should NOT contain a gift.
2. Packages are NOT to exceed 24 inches in any directions for any division.
3. One exhibit per person.
4. 4-H'er is to exhibit in each category within each level only once.
5. Exhibits using purchased bows will not be accepted. Bows must be self-made. It is recommended to use double stick tape.
6. Definition of a bow is left to the judge's discretion.
7. Exhibit package must have been wrapped by 4-H'er since the end of the previous year's fair.
8. Consider giving a demonstration to one or more of your friends, 4-H club, etc. showing techniques of giftwrapping.
9. Must include 4-H Craft Information Card 4-H 618A-W. Attach the Gift Wrapping Information Card 4-H 618A-W to your exhibit. The information card must be visible for the judge and viewers and needs to including the following information on back:
 - a. Occasion for gift
 - b. Is recipient of gift male or female?
 - c. Age or approximate age of recipient
 - d. Total hours spent on project
 - e. Exhibitor's Name

- f. Exhibitor's Club
- g. Exhibitor's Grade just completed
- h. If in grades 9-12 (Advanced level) put category of which your package belongs: A, B, C, D, or E.

One overall Grand and one Reserve Grand Champion will be chosen for the project.

Beginner – Grades 3-5

Wrap five (5) packages during the year, not including the exhibit package. You may want to do more, but list all packages wrapped on record sheet. Choose from square or rectangular shapes. Make your own simple bow using any type of ribbon, yarn, or cord. It must be a SELF-MADE bow. Commercial paper is permissible.

Exhibit:

- **Grade 3:** One rectangular package (shirt box) using a self-made bow and commercial wrapping paper.
- **Grade 4:** One cubic (six equal square sides) package larger than 6" x 6" x 6" using a self-made bow and commercial wrapping paper.
- **Grade 5:** One small box suitable for a ring or pin using a self-made bow and commercial wrapping paper.

Intermediate – Grades 6-8

Wrap eight (8) packages during the year, not including the exhibit. One-half of the packages must be wrapped with paper and accessories you designed. Some suggestions for making wrapping paper are:

1. Roller Painting
2. String Pulling
3. Dip Dying
4. Potato Printing – Using a potato as a design stamp
5. Also, you may use fabric, felt, cut-outs from the newspaper, burlap or any other ideas you can create.
6. In place of ribbon and bows, you might use yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc.

Exhibit:

- **Grade 6:** One cylindrical package, using a self-made bow or other decorations and commercial wrapping paper.
- **Grade 7:** One packed with top and bottom of box/container wrapped separately and properly folded liner inside. Use self-made bows or other decorations and commercial wrapping paper. Box WILL be opened by judge.
- **Grade 8:** A series of two or three packages in a tiered effect coordinated as one complete package. For example: 3 stacked cylinders: 2 rectangular boxes, 1 box and 2 cylinders; etc. each wrapped individually. The tier must be securely tied or fastened together in such a way that the individual packages will not move easily in the tier. Use self-made bows or other decorations and commercial wrapping paper.

Advanced – Grades 9-12 *(Choose one of the following exhibits. These categories can be done in any order. Choose a different category each year you are in the Advanced level.)*

Wrap eight (8) packages during the year, not including the exhibit package. You may want to do

more. Incorporate fancy ideas: Make box or package into a clown, animals, flowers, bells, drum, train, house, etc. Be creative and imaginative. May be assorted fabrics, scarves, etc. instead of paper.

- **A:** One package wrapped in materials other than wrapping paper. The outside wrapping materials must be part of the gift item. For example: dish towels, scarf, baby blanket, diapers, etc. The materials must be wrapped around some sort of box or container that would conceal or enclose the rest of the gift item. Do not put the rest of the gift in the box or container.
- **B:** One creative exhibit of any shape that has been covered in some fashion. Your outside decorations and/or “wrapping” are not part of the gift. The package does not have to be a box, but a container that would conceal or enclose a gift item. The container should be covered in some fashion such as fabric, paper, cardboard, foil, plastic, leather, cellophane, etc. Do not use commercial wrapping paper. You do not need to have bows if they are not in keeping with the design of your package. Be as creative as you can be, have a theme.
- **C:** One decorated or disguised display, which is the gift. The actual gift item is decorated or disguised in some way. For example: a clothes basket made to look like a jack-o-lantern, a jar of preserves made to look like ‘Santa’, an umbrella made to look like a tree, etc.-or- the actual gift item can be folded or arranged in some way that is a package in itself. For example: bath towels folded to look like a wedding cake, a table cloth folded into a bag with barbeque tools or kitchen items inside, baby blanket folded into a bunting with baby items inside, etc. All items used in the display must be part of the gift.
- **D:** One self-made gift bag. Do not use commercial wrapping paper. Examples of some materials to use: construction paper, grocery bag paper, wallpaper, fabric, etc. Gift bag may or may not be decorated depending on the materials used.
- **E:** One package of any size wrapped only in self-made decorations and paper. This category is different from creative exhibit above in that you must use some sort of paper to put your own creative design on such as roller painting, stenciling, pulling, potato printing, spin art, etc. use a self-made bow or other decoration. This category will be judged on the neatness and creativity of paper design along with proper wrapping.

HEALTH—State Fair Project

General Requirements:

Each year in the project has several exhibit options. Choose one each year. Choose a different topic each year. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Exhibit Requirements

Level A (Grades 3-5)

Grade 3 – Choose 1

- A poster on any of the following topics or any topic covered in Level A:
 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

Grade 4 – Choose 1

- A poster on one of the following topics or any topic covered in 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)

Grade 5 – Choose 1

- A poster on any of the following topics or any 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.)

Level B (Grades 6-8)**Grade 6 – Choose 1**

- 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

Grade 7 – Choose 1

- 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

Grade 8 – Choose 1

- 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

Level C (Grades 9-12) – Choose 1

- A poster on a topic covered in Keeping Fit: Fitness Activities for Youth
- A report of three activities you completed in the 4-H manual

HERITAGE—County Project Only

Exhibit Requirements:

1. Select one of the following categories:
 - Restored – Item should be refinished, painted, rewired, etc. to be in like new form. Farm tractors, implements and other farm machinery, lawn tractors, and stationary engines.
 - Original – Item should be cleaned and repaired to working condition for exhibit.
2. All items should be 25 years or older.
3. Projects must be accompanied with a notebook giving a complete description of the project that is being exhibited. The notebook will count for 25% of the score from the judge. The notebook should contain information about your Starke County Heritage projects, pictures, and your record sheets. Pictures should have captions that show and explain how you were involved in your project and the work that was completed. Before and after pictures would be great and are encouraged.
4. Projects will be evaluated on the notebook, workmanship, creativity in display and 4-H member's involvement in the overall project.
5. Any work performed on restoration and repair of project that is not completed by the 4-H member must be noted in the notebook.
6. Exhibits on display at the county fair will be on display at the 4-H member's own risk. Valuable items can be taken home after judging, but the notebook must be left for display.
7. Depending on the size of the display area at the county fair and the various sizes of items in this project, it will be decided by the Extension Educator at the fair what extra items can accompany the actual project for display purposes.

Exhibits will be divided into the following categories for judging:

- Household items—glass, pottery, etc.
- Toys
- Hand tools and artifacts
- Lawn tractor
- Tractors
- Other farm machinery
- Vehicles—cars, trucks, bicycles

Level I (Suggested for Grades 3-5)

- These items could be considered for exhibit: household items, hand tools, artifacts or toys.

Level II (Suggested for Grades 6-8)

- These items could be considered for project: household items, hand tools, artifacts, toys, bicycles or lawn tractors.

Level III (Suggested for Grades 9-12)

- These items could be considered for project: all categories listed above.

HOME ENVIRONMENT—State Fair Project

For the 4-H Home Environment project, 4-H members at each grade level may choose from three 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. Level 3 participants will also have a fourth choice: independent study. Each level has several options per category from which to choose. We suggest that 4-H members either choose a different option each year or show how they expanded on the same option (portfolio and furniture categories only) used in previous years.

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. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Categories:

Furniture Item and Notebook—An actual piece of furniture accompanied by a standard notebook (3-ring binder) explaining the who, what, when, where, why and how of the chosen project. We suggest including pictures showing where the item will be used. Also, we encourage 4-H members to include pictures of themselves doing the project, but this is not required. Always place your identification information in the notebook and on the furniture.

Design Board and Notebook – standard 22" x 28" poster, displayed horizontally with a firm backing. Design boards must be covered with plastic to protect and help hold items in place. An identification name tag must be attached in the lower right 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 notebook (3-ring binder). If 4-H members choose to do this option more than one year, we suggest that they keep the previous year's materials 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. Always place your identification information in the notebook.

Other Information:

Color samples – These can be paint samples from a paint or hardware store, or color samples the 4-H member makes with paints 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 the 4-H member's design board or portfolio.

Colored pencils – We suggest using colored pencils when coloring the design board or portfolio. Colored pencils are what professionals use! Keep in mind that the entire area does not need to be colored in, but be sure to apply enough color to adequately express design ideas. Other methods for coloring will also be accepted. These could include (but are not limited to): crayons, watercolor pencils, markers, or printing on the computer.

Exhibit Requirements:

Level 1 (Grades 3-5)

Furniture Options for Level 1

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 for Level 1

- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape with colored pencils. Print a line drawing from the options available on the Indiana 4-H website: www.four-h.purdue.edu look under “projects” and then 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, or cool). Include your 3-ring notebook.
- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape using one color option. Line drawings can be printed from the Indiana 4-H website: www.four-h.purdue.edu look under “projects” and then 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 photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show how line and shape work with the furniture. Include your 3-ring notebook.

Portfolio Options for Level 1

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

Level 2 (Grades 6-8)

Furniture Options for Level 2

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 the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, 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 cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- 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 for Level 2

- Display a floor plan for a living room, den, or family room. Include pictures (magazine or photographs) of the furniture that would be used. We suggest using 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 treatment 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 photographs) of the fixtures that would be used. We suggest using 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 (magazine, appliance brochure, or photographs). We suggest using 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 for Level 2

- Samples of three different types of wall treatments with an explanation for each. Examples can include but are not limited to: paint only, wallpaper only, or combination of paint and wallpaper.
- Samples of three different floor treatments (pictures or flooring samples). 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 three 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 an energy-savings 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 each previous year's work, but be sure that you indicate which information represents the current year's work.

Level 3 (Grades 9-12)

Furniture Options for Level 3

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 the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, 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 cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- 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 Option for Level 3

- Display a floor plan for a child's or teen's bedroom. Include a special "theme" appropriate for a child or tee (e.g., princess, cartoon character, music group, favorite book, or special hobby). Include pictures (magazine or photographs) 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 family hobby room (e.g., room with pool table, ping pong table, and/or game table; home theater; or music room). Include pictures (magazine or photographs) 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 of master suite (bedroom and bath). Include pictures (magazine or photographs) 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 treatment). Include your 3-ring notebook.
- Display a floor plan of a one- or two-bedroom home or apartment. Include color scheme samples and furniture layouts. Floor plan should be to scale with general measurements included. Window, wall, and flooring treatment samples should be included for each room. (Picture of furniture are not a requirement.) Include your 3-ring notebook.

Portfolio Options for Level 3

- Samples of three 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 three 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 three different types of window treatments. Explain the advantages and 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 two different design schools or training programs. Include the advantages and disadvantages of each program. Include the cost of attaining a degree or completing the program.
- An energy-savings plan. Design an energy-savings 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 saving, 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.

Independent Study Option for Level 3

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.

HORSELESS HORSEMAN—County Project Only

General Requirements:

1. Activity requirements are listed in each manual.
2. Complete the section of the workbook according to your grade.

Exhibit Requirements:

A poster on the topics studied for your level. See section General Hints for Your Exhibit (pg. 14). 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.

Level A (Grades 3-4)

Grade 3

- Study horse safety and history of the horse.

Grade 4

- Study parts and horse talk.

Level B (Grades 5-6)

Grade 5

- Study horse breeds and markings.

Grade 6

- Study equipment, tack and attire.

Level C (Grades 7-9)

Grade 7

- Study grooming equipment and techniques.

Grade 8

- Study feeding your horse.

Grade 9

- Study where to keep your horse.

Level D (Grades 10-12)

Grade 10

- Study conformation of horses.

Grade 11

- Study diseases and vaccinations.

Grade 12

- Study reproduction and genes.

JUNIOR LEADERS—County Project Only

4-H Junior Leaders is recognized as a 4-H project to encourage older 4-H members to learn leadership skills, participate in community service, and support 4-H leaders at the local and county level.

In order to participate in Junior Leaders, you must:

1. Be enrolled in grades 7-12 during the current calendar year.
2. Have completed one year of 4-H club work. Exceptions must be approved by the Extension Educator.
3. Enroll in and complete at least one other 4-H project.
4. Turn in Junior Leader record sheet by the due date.
5. Sign the Youth Behavioral Expectation Form.

MEMORY BOOK—County Project Only

Exhibit Requirements:

Grades 3—8: This is a record of achievement similar to a scrapbook, but with a format to follow and specific forms to complete. The Memory Book is completed with the previous year's activities.

MODELS—State Fair Project

Exhibit Requirements:

1. Select and construct one of the following models to exhibit:
 - Model car
 - Model plane
 - Model structure
 - Model truck
 - Model boat
2. 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.
3. If the model is covered for exhibit, the cover must be removed for judging.
 4. Enrollment is determined by grade. Each year members are expected to select a more difficult and challenging model.
 - Beginner—Grades 3-5
 - Intermediate—Grades 6-8
 - Advanced—Grades 9-12

MUSIC—County Project Only

Exhibit Requirements:

1. A poster of one of the following topics. The exhibit should be of an educational content including pictures or diagrams and written information and on a different subject each year. The title of the poster is the exhibitor's decision.
2. All poster exhibits are to be displayed according to the requirements listed previously. See section General Hints for Your Exhibit (page 14). 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.

Beginner (Grades 3-5)—History of a Musical Instrument

- Biography of a composer born before 1700 **OR**
- Music of a country or nation

Intermediate (Grades 6-8)—Music Appreciation

- Music Genre (A music genre is a term that describes the process of dividing different kinds of music into categories.) **OR**
- Biography of a composer born between 1700 and 1900

Advanced (Grades 9-12)—Music History

- Biography of a composer born after 1900 **OR**
- Music artist, group, or band **OR**
- Other information that demonstrates an understanding of music, instruments or musical concepts
- Other information that demonstrates an understanding of music, instruments or musical concepts

PHOTOGRAPHY—State Fair Project

General Requirements:

1. **All images are to be original images taken by the 4-H member.**
2. Complete one activity in your 4-H Photography manual 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 displayed according to the requirements listed previously. See section General Hints for Your Exhibit (on page 14).
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" x 20" salon mount, displayed vertically and covered with plastic.
9. Sepia tone photographs (mono chromatic) are entered under the Black & White classes.

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.

Exhibit Requirements:

Beginner Division/Level 1 (Grades 3-5)

You may choose to exhibit in any of the following categories, but can exhibit only one entry per category from the following:

- Black & White Prints
- Color Prints

Your prints may be a mix of digital and/or standard development.

1. Beginner Black & White Prints: "Capturing Memories"

Exhibit: 10 black & white pictures, none of which is larger than 4" x 6", nor smaller than 3 ½" x 5", any subject, mounted on a background board 22" x 28", displayed horizontally, on stiff backing and 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. Beginner Color Prints: "Experiences in Color"

Exhibit: 10 color pictures, none of which is larger than 4" x 6", nor smaller than 3 ½" x 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.

Intermediate Division/Level 2 (Grades 6-8)

You may choose to exhibit in any of the following categories, but can exhibit only one entry per category from the following:

- Black & White Prints

- Color Prints
 - Color Salon Print
 - Black & White Salon Print
 - Creative/Experimental—Black & White or Color Salon Print
1. **Intermediate Black & White Prints: “Photography is Fun”**
Exhibit: 10 black & white pictures, none of which is larger than 5” x 7” nor smaller than 2” x 3 ½”, mounted on a background board 22” x 28”, displayed horizontally, with stiff backing and covered in 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.
 2. **Intermediate Color Prints: “Adventures in Color”**
Exhibit: 10 color pictures, none of which is larger than 5” x 7” nor smaller than 2” x 3 ½”, 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.
 3. **Intermediate 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.
 4. **Intermediate Black & White Salon Print:**
Exhibit: One (1) black & white 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.
 5. **Intermediate 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. Not title recommended. See additional notes regarding digital below. **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.

Advanced Division/Level 3 (Grades 9-12)

You may choose to exhibit in any of the following categories, but can exhibit only one entry per category from the following:

- Black & White Prints
- Color Prints
- Color Salon Print
- Black & White Salon Print
- Creative/Experimental—Black & White or Color Salon Print

1. **Advanced Black & White Prints:**

Exhibit: 10 black & white pictures, none of which is larger than 8” x 10” nor smaller than 2” by 3 ½”, 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.

2. Advanced Color Prints:

Exhibit: 10 color pictures, none of which is larger than 8" x 10" nor smaller than 2" x 3 ½", 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.

3. Advanced 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.

4. Advanced Black & White Salon Print:

Exhibit: One (1) black & white 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.

5. Advanced 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. See additional notes regarding digital below. **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.

Digital Photography Guidelines:

- All images are to be original images taken by the 4-H member. Photography exhibits are to be taken by the 4-H members between county project check-in to the next year county project check-in date.
- Creative/Experimental print sizes must meet the size requirements of your chosen exhibit. It is recommended that the digital image be printed on photographic paper or very high quality copier paper. The paper quality will help in clarity and sharpness.
- If a photograph is taken with a digital camera is just a straight forward photograph with no changes or augmentation, then it would be the same as one for the regular print board or salon print classes. To succeed as a digital image (as a separate classification) something more should be done to the photographic image.
- **Digital vs. Film:** Anything that can be done in a dark room, on an enlarger, can be done on a computer, i.e. cropping, color correction, parallax, etc. If an image is digitally altered beyond what can be done on the enlarger, i.e. adding different background, removing buildings or people, adding text, hand-coloring, etc. it should be entered in the "Creative/Experimental" Class. We realize this will be difficult to enforce. We ask your cooperation. We also realize the person with the expensive digital camera and high powered computer has some advantages. By the same token the person with the expensive large format film camera that takes his processing to a custom lab has many advantages over the person with the inexpensive 35mm camera doing their processing at the local retail store.

POCKET PALS—County Project Only

General Requirements:

1. Pocket pals includes any of the following: hamsters, gerbils, rats, mice, guinea pigs, rabbits, reptiles, ant farms, parakeets, finches, parrots, canaries, cockatoos, birds, etc.
2. Animals exhibited in the pocket pals project cannot be exhibited in any other project. (For example: you cannot exhibit a rabbit in both the rabbit show and as a pocket pal.)
3. Project Level 1 – Grades 3-5; Project Level 2 – Grades 6-8; Project Level 3 – Grades 9-12

Exhibit Requirements:

1. Exhibit your pocket pal at the show during the fair. If pet housing is too large for transport, a smaller carrier may be substituted and exhibited.
2. Complete a poster about your particular species or about a species that interests you. See General Hints for Your Exhibit on page 14 for project guidelines. 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. Other poster ideas include: finding reputable breeders, diseases that impact your species, caring for an older pet, traveling with non-traditional pets, living with multiple species in one house, adoption: what you need to know, creating a proper living space for your species, etc.
3. Posters and manuals must be completed and turned in during pre-fair judging. Each exhibitor should complete one activity in their manual.
4. Manuals are due by check-in of the Pocket Pals show. If an exhibitor turns in a poster or manual late they will become ineligible to receive the grand champion placement.
5. The owner of the pet will have the opportunity to participate in showmanship. This is based off of a written test for the appropriate level (beginner, intermediate, advanced).
6. Pet handlers can also participate in Cage Decoration.
 - A theme for the whole cage.
 - A backdrop is allowed to cover one wall.
 - Decorations are allowed to sit on top of the cage.
 - If animals are to be dressed in costume to match the theme, the costume must be easy to remove so the judge can inspect it.

READING—County Project Only

General Requirements:

1. All poster exhibits are to be displayed according to the requirements listed previously. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

2. A diorama is a miniature, three-dimensional scene. This can be from a plot or a scene in the book.
3. A display can be anything that depicts the theme, scene, or plot of the book. This does not have to include a poster.

Exhibit Requirements:

Grades 3-4

- Read three or more books from different subject areas.
- Do a written one page book report for a book you read.
- Do an oral book report for your club or leader on a book different from your written report.
- **Exhibit:** a poster depicting your favorite book you read. Include title, author, and explanation of why this is your favorite book. Also submit the record sheet and written book report.

Grades 5-6

- Read five or more books from three different subject areas.
- Do two written book reports from the books you read.
- Do an oral book report for your club or leader on a book different from your written reports.
- **Exhibit:** A poster or display of your favorite book. Include the title, author, and a short summary of the book. Also submit the record sheet and your written book reports.

Grades 7-8

- Read seven or more books from four different subject areas.
- Do three written book reports from books you read.
- Complete character sketches from the books you read. Grade 7—one, Grade 8—two
- Do an oral book report for your club or leader on a book different from your written reports.
- **Exhibit:** A poster, display or diorama about your favorite book. If a poster, include the title, author and theme of the book. Submit the record sheet, character sketches, and written book reports.

Grades 9-12

- Read ten or more books from different subject areas.
- Do four written book reports from books read this year.
- Do three character sketches from the books you read.
- Do an oral book report for your club or leader on a book different from your written reports.
- **Exhibit:** A poster, display or diorama from a Biography, Shakespeare's Play, Historical Fiction, Science Fiction/Fantasy, Classic novel, or Mythology. If a poster, include the title, author and a scene(s) or character sketch(es) or plot or theme from the book. Submit the record sheet, character sketches, and written book reports.

RECYCLING— State Fair Eligible under Arts & Crafts

General Requirements:

1. All divisions must be handmade, no kits are allowed. Major parts of the exhibit must be from recycled materials, while the finishing materials may be new.
2. All exhibits must be ready to use, either as an inside household item or outside yard item.
3. Exhibits must be constructed using items that are no longer in the original form.
4. All poster exhibits are to be displayed according to the requirements listed previously. See General Hints for Your Exhibit on page 13 for project guidelines.
5. All craft exhibits should include a 3” x 5” index card stating what the item was in its original form, any extra materials used, and cost (will be displayed with exhibit).
6. All exhibits will be judged on appearance, craftsmanship, and creativity.
7. Complete one different home recycling project each year you are enrolled in the project. Can use one of the suggested projects or one of your choice.

Grades 3-4—Exhibit one of the following:

1. Any craft item using **any material** of your choice provided the project has been recycled from its original form from recycled (not new) materials. **The item cannot be refurbished.**
2. Prepare a recycling notebook, which illustrates what you have learned about recycling. Such items to include could be: maps of area recycling bins, why you should recycle, recycling terms, completed home survey or work survey, completed activities from manual. You will add to your notebook each year.
3. An educational poster.

Grades 5-6—Exhibit one of the following:

1. Any craft item using **any material** of your choice provided the project has been recycled from its original form from recycled (not new) materials.
2. Prepare a recycling notebook, which illustrates what you have learned about recycling. Such items to include could be: maps of area recycling bins, why you should recycle, recycling terms, completed home survey or work survey, completed activities from manual. You will add to your notebook each year.
3. An educational poster.

Grades 7-8—Exhibit one of the following:

1. Any craft item using **any material** of your choice provided the project has been recycled from its original form from recycled (not new) materials. **The item cannot be refurbished.**
2. Prepare a recycling notebook, which illustrates what you have learned about recycling. Such items to include could be: maps of area recycling bins, why you

should recycle, completed home survey, story about home recycling project with pictures. You will add to your notebook each year.

3. An educational poster.

Grades 9-10—Exhibit one of the following:

1. Any craft item using **any material** of your choice provided the project has been recycled from its original form from recycled (not new) materials. **The item cannot be refurbished.**
2. Continue to add information to your recycling notebook that illustrates what you have learned about recycling. You will add to your notebook each year.
3. An educational poster.

Grades 11-12—Exhibit one of the following:

1. Any craft item using **any material** of your choice provided the project has been recycled from its original form from recycled (not new) materials. **The item cannot be refurbished.**
2. Continue to add information to your recycling notebook. You will add to your notebook each year.
3. An educational poster.
4. A 3-D educational display.

SCRAPBOOKING—County Project Only

General Requirements:

1. Album size should meet the needs of the exhibit.
2. An album should be purchased for the Beginner and Intermediate levels. 4-H members in the Advanced level have the option of exhibiting a handmade album. All albums should include the required number of pages for that level.
3. Pages are exhibited between a front and back cover.
4. Pages should follow a theme and be in chronological order.
5. All photos should be labeled and journaling should be appropriate for the page.
6. Use photo-safe products to create the album.

Exhibit Requirements:

Beginner (Grades 3-5)

- 3-6 pages front and back for a total of 6-12 pages

Intermediate (Grades 6-8)

- 6-8 pages front and back for a total of 12-16 pages

Advanced (Grades 9-12)

- 10 pages front and back for a total of 20 pages

This is the 4-H Scrapbook Project Scorecard the judge will follow when judging the 4-H scrapbook projects.

Area Being Judged	Excellent	Good	Needs Improvement
1. Scrapbook Exhibit			
Pages are exhibited between a front and back cover			
Pages are exhibited in plastic protectors			
Complete number of required pages Beginner (Grades 3-5) 3-6 pages front & back total of 6-12 pages Intermediate (Grades 6-8) 6-8 pages front & back total of 12-16 pages Advanced (Grades 9-12) 10 pages front & back total of 20 pages			
2. Photos and Memorabilia			
Memorabilia and/or photos entirely encased in a protective sleeve			
Newspaper articles photocopied on acid-free paper or laminated			
3. Neatness Counts!!			
Legible handwriting/typing			
Neat with no smudges or smears			
4. Journaling			
Correct Spelling			
Journaling appropriate for page and labeling			
5. Cropping and Layout			
Interesting layouts			
Variety of pages			
Quality of cropping and editing of photos			
6. Photo-safe			
Use of appropriate pens and makers			
Use of photo-safe albums			
7. Sense of Entire Project			
Preserves the 4-H'ers memories effectively			
Interesting and variety of page layouts			
Chronological or thematic order of pages			

SEWING—State Fair Project

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

Level A (Grade 3)

Skills to Learn & Include in Exhibit:

Include at least two of the following 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:

1. **Wearable:** Elastic waist shorts, pants OR skirt with fold over casing; no pockets. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.
2. **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. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

Level A (Grade 4)

Skills to Learn & Include in Exhibit:

Seam finishes are recommended on all exposed seams.

Include at least two of the following 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 hem

Exhibit:

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

Level B (Grade 5)

Skills to Learn & Include in Exhibit:

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

Include at least three 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 ribbing
- 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:

1. **Wearable:** Simple shirt with sleeves OR sundress OR jumper OR simple 2 piece pajamas. 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.

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

Level B (Grade 6)

Skills to Learn & Include in Exhibit:

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

Include at least four 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 applique
- Insert piping
- Apply machine topstitching
- Construct with a serger
- Sew inseam pockets

Exhibit:

1. **Wearable:** Two (2) garments that can be worn together. Attach Sewing Skills Card (4-H 926D-W) to the exhibit.
2. **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 construction techniques sample notebook (following instructions provided in the manual). Attach Sewing Skills Card (4-H 926D-W) to the exhibit.

Level C (Grade 7)

Skills to Learn & Include in Exhibit:

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

Include at least five 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 applique
- Apply machine topstitching
- Insert a lapped zipper
- Insert an invisible zipper
- Insert a separating zipper
- Insert a fly front 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:

1. **Wearable:** School or sport outfit. Can be one or more pieces. Attach Sewing Skills Card (4-H 927C-W) to the exhibit.
2. **Non-wearable:** Dressed, jointed (with sockets) stuffed animal OR sewn item for holiday or special occasion OR construction techniques sample notebook (following instructions provided in manual). Attach Sewing Skills Card (4-H 927C-W) to the exhibit.

Level C (Grades 8-9)

Skills to Learn & 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.

Include at least six of these additional 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
- Use shaped seams
- Use fiberfill
- Add a waistband
- Add patch pockets
- Add front hip pockets
- Match fabric design
- Make shoulder pads
- Attach cuffs
- Make pleats
- Insert elastic
- Add boning
- Apply a collar
- Insert piping
- Make a neckband
- Add vents
- Sew buttons
- Add underlining
- Add ruffles
- Sew with knit
- Make button loops
- Do hand beading
- Add inseam pockets
- 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
- Apply machine embroidery
- **Exhibit:** (choose one of the following)
 1. **Wearable:** Same as fashion revue categories (see “Advanced Sewing Wearable Exhibits” below). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.
 2. **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.

Level D (Grades 10-12)

Skills to Learn & 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.

Include at least six of these additional 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
- 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
- Attach cuffs
- Make pleats
- Insert elastic
- Add boning
- Apply a collar
- Insert piping
- Make a neckband
- Add vents
- Sew buttons
- Add underlining
- Add ruffles
- 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 reversible item
- 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
- Piece quilted item
- Other skills not listed above

Exhibit: (choose one of the following)

1. **Wearable:** Same as fashion revue categories (see “Advanced Sewing Wearable Exhibits” below). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.
2. **Non-Wearable:** Sewn items for your home OR construction techniques same notebook OR sewing machine survey (following instructions provided in manual). Attach Sewing Skills Card (4-H 928C-W) to the exhibit.

Advanced Sewing Wearable Exhibits (Levels C & D)

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.

SHOOTING SPORTS—State Fair Project

The 4-H shooting sports project teaches safe operation of firearms and archery equipment. Volunteer instructors must be certified at a workshop. Six disciplines are offered at the state level: archery, outdoor pursuits, muzzle loading, pistol, rifle, and shotgun. The disciplines offered in any county will depend on the availability of certified 4-H shooting sports instructors to teach the classes, ranges, and equipment.

Exhibit Requirements:

1. Create an exhibit that shows the public what you learned in shooting sports education this year.
2. All poster exhibits are to be displayed according to the requirements listed previously. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

3. Title your exhibit with one of the following: archery, outdoor skills, muzzle loading, pistol, rifle, shotgun, or shooting sports. You can use a subtitle, if you wish.
4. 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 power 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.

Level 1 (Grades 3—5)

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

Level 2 (Grades 6—8)

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

- Display a poster showing what was learned in the 4-H Shooting Sports project.
- Small project or model no larger than 18” x 18” x 36”.
- Notebook—showing how a shooting sports item was made or project completed.

Level 3 (Grades 9—12)

Choose one of the following options.

- Display a poster showing what was learned in the 4-H Shooting Sports project.
- Project or model (any size)
- 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”.

<h2>SPORTFISHING—State Fair Project</h2>

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. Be sure to include a label with your name, grade and division. See General Hints for Your Exhibit on page 14 for project guidelines. 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. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title. You can also use a creative sub-title if you wish.

Level 1 (Grades 3—5)

Exhibit a poster based on one of the following activities:

- **Let's Go Fishing!**—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**—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**—Display at least two of the 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**—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 is it?**—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.

Level 2 (Grades 6—8)

Exhibit a poster based on one of the following activities:

- **A Different Spin**—Display a picture of you while casting and 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**—Show a drawing or photograph of you cooking fish. Include your recipe and, if possible, pictures of you cleaning and/or cooking your fish.
- **Clean up the Litterbug**—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 Bugger**—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**—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.

Level 3 (Grade 9—12)

Exhibit a poster based on one of the following activities:

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

- **Beads, Dog Hair, and Feathers**—Collect materials and tie a fly. You can display your fly or a picture of the fly. Also, list and draw or take pictures of the 7 materials in the matching game and indicate their potential use.
- **Collecting Aquatic Insects**—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**—Complete the Career Investigation Record after talking with someone currently working in an 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**—Reproduce or copy 3-5 Field Journal entries on your display. Include photographs that show where you had the fishing experience, if possible.
- **Playing *Know Your Fish***—Make a “flap” quiz to teach fish facts. Show a picture or ask a question about a fish. Give the answer(s) under the flap. Choose 5-10 fish using at least 5 fish from your manual. Be sure to list multiple species if the information you provide applies to more than one of the species you choose.

Independent Study (Grades 9—12)

- **Advanced Topic**—Learn all you can about a sportfishing 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 Sportfishing—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 Sportfishing—Mentor”.

<h2>SPORTS—County Project Only</h2>

The 4-H Sports Project is designed to help 4-H members explore their interest and increase their educational knowledge of various sports. The 4-H Sports Project is designed for everyone. You can be a participant or a spectator and still be enrolled in the 4-H Sports Project. The 4-H members are encouraged to select one sport of interest and learn as much about it as possible. In addition, there are activities that will allow for exploration of other sports in the project requirements.

See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Activities & Exhibit Requirements:

Grades 3 & 4:

- Complete and turn in activity record/log sheet with a minimum of 15 entries.
- Complete and turn in study sheet.
- **Exhibit:**
 - A poster promoting interest in the sport on your study sheet OR
 - A poster detailing the history of the sport on your study sheet.

Grades 5 & 6:

- Complete and turn in activity record/log sheet with a minimum of 20 entries.
- Complete and turn in study sheet.
- Submit two newspaper or magazine articles about two different sports. Record on data sheet. Hand in with manual.
- Read one book about your sport and record on Book Data Sheet.
- **Exhibit:**
 - A poster on rules and objective of your sport OR
 - A poster on sportsmanship.

Grades 7 & 8:

- Complete and turn in activity record/log sheet with a minimum of 25 entries.
- Complete and turn in study sheet.
- Submit 3 newspaper or magazine articles about 3 different sports. Record on data sheet. Hand in with manual.
- Read two books on your sport. Complete book data sheet.
- Research your sport on the internet and complete data sheet on one site.
- **Exhibit:**
 - A poster or display detailing items used in your sport OR
 - A poster or display regarding safety in your sport.

Grades 9—12:

- Complete and turn in activity record/log sheet with a minimum of 30 entries.
- Complete and turn in study sheet.
- Submit 4 newspaper or magazine articles about 3 different sports. Complete data sheets and include your critique of each article. Turn in with manual.
- Read two books (1 on your sport and 1 on different sports) and complete book data sheet.
- Research your sport on the internet. Complete data sheets on two sites.
- Interview one person involved in your sport and complete interview data sheet.
- **Exhibit:** A poster, display, or diorama that depicts an aspect of your sport. Attach a sheet telling your interest or involvement in the sport.

<h2>STRAWBERRIES—County Project Only</h2>
--

General Requirements:

1. 4-H member should do most of the planting and caring for the strawberries.
2. Berries exhibited in the second year and any year after must come from your own plants.
3. Plants exhibited must be from your own plots.
4. Keep accurate records—expenses, time you spend, value of berries, etc.
5. All members should keep records on form 4-H 636, and turn in 4-H 636 with exhibit.
6. 4-H member should plant a small number of plants the first year—25 to 100. Then set out more as you find more ways to use them.

Exhibit Requirements:

1st year

- One of your strawberry plants that you have transplanted into a container. Identify variety.

2nd year—Since the growing season varies you may exhibit one of the following:

- 1 quart of frozen berries with the “calyx” or cap and about one half inch of the stem must be on the berries shown. Identify plant variety.
- 1 quart of fresh berries with the “calyx” or cap and about one half inch of the stem. Identify plant variety.
- A fruiting strawberry plant in a container. Identify plant variety.

3rd year and up—Note: Exhibit must have berries or plants from two plots.

- Must exhibit 2 quarts of berries, one from each plot (your renovated berry patches or experimental plots). Exhibit may be shown like 2nd year requirements (a or b) but must also include comparison checklist (page 7 of manual) and identify the plant variety of each quart.
- Or exhibit fruiting berry plants from each plot. Identify plant varieties and include comparison checklist (page 7 of manual).

TRACTOR (AGRICULTURAL & GARDEN)—State Fair Project

4-H members are encouraged to participate in the county contest, and the area and state contest if they qualify. Levels for the driving contest are:

Junior—Grades 3-7

Senior—Grades 8-12

A non-driving option has been added to these two projects. The 4-H member can participate in the driving contest and/or exhibit a poster, notebook report, or display board. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Members are encouraged to attend project meetings for Agricultural Tractor and Lawn & Garden Tractor.

Agricultural Tractor

Level A (Grades 3 & 4)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A manual.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level B (Grades 5 & 6)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A or B manuals.

May exhibit one of the following:

- Poster
- Notebook report

- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level C (Grades 7—9)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, or C manuals.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level D (Grades 10—12)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, C, or D manuals.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Lawn and Garden Tractor/Zero-Radius Safety Education

Level A (Grades 3 & 4)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A manual.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level B (Grades 5 & 6)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A or B manuals.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level C (Grades 7—9)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, or C manuals.

May exhibit one of the following:

- Poster

- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

Level D (Grades 10—12)

Note: The subject matter content for the exhibit must correspond to the subject matter content found in the Level A, B, C, or D manuals.

May exhibit one of the following:

- Poster
- Notebook report
- Display board—Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.

VETERINARY SCIENCE—State Fair Project

The 4-H Veterinary Science Project provides youth a fun and hands-on learning experience that helps them learn more about the Veterinary Science profession, and opportunities for careers in animal health. Subjects such as general health care, physiology, anatomy and careers are presented in the curricular materials, through workshops such as Science Workshops for Youth, and through hands on experiences with local veterinarians. Youth also have the opportunity to develop responsibility, decision making and communication skills through active participation in the 4-H Veterinary Science Project.

General Requirements:

1. 4-H veterinary science exhibits should be educational in nature covering one (1) 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.
2. Chose a topic you think is interesting and apply your imagination.
3. Complete one activity in your manual.
4. Attend county workshops, when available.
5. All poster exhibits are to be displayed according to the requirements listed previously. See General Hints for Your Exhibit on page 14 for project guidelines. 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.
6. On the backside of your exhibit securely attach a 3" x 5" card, listing your veterinarian's name and address.

Exhibit Requirements:

Level 1 (Grades 3—5)

- Exhibit a 22" x 28" poster related to Chapter 1, 2, or 3.

Level 2 (Grades 6—8)

- Exhibit a 22" x 28" poster, display, or quiz board related to Chapter 1, 2, or 3. Display or quiz board should be no larger than 36" x 36" x 36".

Level 3 (Grades 9—12)

Choose one of the following to exhibit:

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

WEATHER—State Fair Project

Youth will learn basic information about weather and climate science, including what causes variations in weather and why we have different seasons and climates on the earth. In this project you will observe and record weather conditions and learn weather symbols.

Exhibit Introduction

Create an exhibit that shows the public what you learned in the weather and climate project this year. Poster exhibits must be displayed horizontally, sized 22" x 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic or other transparent material. 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. Be sure to include a label with your name, grade, 4-H club, and county in the 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. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Exhibit Requirements:

Level 1 (Grades 3-5)

- A poster related to an activity from the level 1 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 3-5.

Level 2 (Grades 6-8)

- A poster related to an activity from the level 2 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 6-8.

Level 3 (Grades 9-12)

- A poster related to an activity from the level 3 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. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "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 experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Weather and Climate Science—Mentor”.

WILDLIFE—State Fair Project

General Requirements:

1. Create an exhibit that shows the public what you learned in the wildlife project this year. Poster exhibits must be displayed horizontally, sized 22” x 28” foam-core board mounted on a firm backing, and covered in clear plastic or other transparent material. 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. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.
2. 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. See General Hints for Your Exhibit on page 14 for project guidelines.

Exhibit Requirements:

Level 1 (Grades 3-5)

- A poster related to an activity from the level 1 manual.
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 3-5.

Level 2 (Grades 6-8)

- A poster related to an activity from the level 2 manual.
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 6-8.

Level 3 (Grades 9—12)

- A poster related to an activity from the level 3 manual.
- 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-H,NR,Projects/wildlife/ for more information. Include a short manuscript, pictures, graphs, and list the works

WOOD SCIENCE—State Fair Project

General Requirements:

1. All Levels complete one (1) of the required activities in the Woodworking manual.
2. All exhibits will be graded on the number of skills involved, quality of workmanship, preparation of the surface, application of a suitable finish, and functionalism. This relates to the general appearance, proper selection of wood according to use, and that your exhibit can do the job for which it was designated.
3. Display boards differ from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board.
4. All poster exhibits are to be displayed according to the requirements listed previously. See General Hints for Your Exhibit on page 14 for project guidelines. 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.

Exhibit Requirements:

Level 1 (Grades 3 & 4)

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

Level 2 (Grades 5 & 6)

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

Level 3 (Grades 7—9)

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

Level 4 (Grades 10—12)

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

Indiana 4-H Woodworking Tools, Skills and Techniques

SKILL	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
SAFETY (Required of all levels and not counted as a Skill or Technique)				
Ear Protection	X	X	X	X
Eye Protection	X	X	X	X
Shop Organization	X	X	X	X
Machine Guards	X	X	X	X
LAYOUT				
Ruler	X			
Tape Measure	X			
Square	X			
COMMON TOOLS				
Hammer	X			
Handsaw	X			
Coping Saw	X			
Scroll Saw	X			
Screw Driver	X			
Wood Chisel	X			
Pliers	X			
Hand Plane		X		
POWER TOOLS				
Band Saw	X			
Table Saw		X		
Electric Drill		X		
Radial Arm Saw			X	
Circular Saw			X	
Planner				X
Lathe				X
Jointer				X
Miter Saw				X
Scroll Saw			X	X
MATERIAL SELECTION				
Wood	X			
Wood Products	X			
Plywood	X			
Fiberboard	X			
Synthetic Products			X	X
JOINTS				

Lap Joint	X			
Butt Joints	X			
Basket Joints		X		
Doweled Joints		X		
Mortise and Tenon Joints			X	
Dado Joints			X	
Miter Joint				X
Dovetail Joints				X
Box Joints			X	X
TABLE ROUTING				
Bevels			X	
Dadoing			X	
Rabbeting			X	
Planing				X
Jointing				X
FASTENERS				
Screws	X			
Nails	X			
Bolting	X			
Gluing	X			
Pocket Hole Fasteners		X		
Brad Nailer				X
FINISHING				
Sanding	X			
Penetrating Finish	X			
Painting	X			
Varnishing		X		
Spraying				X
FREEHAND ROUTING				
Bevels			X	
Dadoing			X	
Rabbeting			X	
Planing				X
Jointing				X

General 4-H Livestock Rules

1. Placing
 - a. The “Danish System” of placing (A Group, B Group, and C Group) will be used for most livestock shows. First and second place animals will be selected from the A Group to compete for Champion and Reserve Champion.
 - b. All rabbit classes and horse & pony classes will be ranked first through tenth place. Exception: In a class where there are less than ten participants and the judges deems the animal unfit for placing, the 4-H member will receive a participation ribbon.
2. Members must exhibit their own animals in the shows. In the case of illness or more than one animals in a class, animals must be shown by another Starke County 4-H member. Animals may be prepared for the show ring by:
 - a. The 4-H member.
 - b. Immediate family – father, mother, stepfather, stepmother, legal guardian, brothers, sisters, stepbrothers, stepsisters, grandfather, step-grandfather, grandmother, step-grandmother, aunt or uncle.
 - c. Any properly enrolled current Starke County 4-H member.
 - d. The species project Advisor of that specie.
 - e. Exceptions made in hardship cases with approval of Livestock Committee. This must be complete prior to fair.
3. The use of tranquilizers on 4-H animals is not permitted on the Fairgrounds. Any medication administered to any animals must be done by a veterinarian or upon approval by the Livestock Committee.
4. All Beef, Horse & Pony, Swine, Sheep, Dairy, Starter Calf and Goats must be identified on the 4HOnline website at in.4honline.com by the State enrollment deadline.
5. Any advertising must have the Livestock Committee’s approval.
6. Animal pen reservations must be submitted online through FairEntry by the deadline each year. No pens are guaranteed after the deadline. If you bring fewer animals than listed on your pen reservation forms, the pen space will be reassigned.
7. Separate pens will be provided if space is available for the Champion and Reserve Champion Market animals. Champions should be moved as soon as possible after the judging. Check with the project superintendent for space.
8. Entry order will be set for each class of livestock.
9. Pens must be kept clean and presentable. Beef exhibitors are responsible for cleaning to the middle of the aisle behind their animals. 4-H members will be asked to remove animals from the fairgrounds if pens are judged as un-presentable. **All animals must have clean bedding, be fed, and provided with fresh water.** Pens will be checked by 6:00 p.m. One warning will be attempted verbally and posted in the respective barn. When a second warning is issued a fine of \$25.00 per notice will be assessed by the barn superintendent or their representative. The fine will be taken out of the livestock auction check. If animals are not sold, a check must be given to the Starke County Fair Board in the amount of \$25.00. If not paid, the 4-H member will not be permitted to exhibit the following year.
10. If the breed of an animal is in question, the Livestock Committee members will examine the animal and determine the breed as accurately as possible.
11. All situations not covered by a specific county rule will be governed by the appropriate state rule. Rule interpretation will be the responsibility of the 4-H Youth Development Educator and the Livestock Committee.

12. Animals not selling in the livestock auction are to check out on Thursday from 9:00-11:00 p.m. or Friday from 8:00 a.m. to 12:00 p.m. noon. Approval and signature must be obtained from the barn superintendent before the animal is released. An alternate time may be determined due to other circumstances such as weather.
13. Health papers are not required for swine, sheep, goats, beef, dairy, and starter calves. The barn superintendents and/or their designated representatives are to inspect the animals at the trailer. Animals that are not healthy will be sent home. If the 4-H member disagrees, they may contact a veterinarian to come and inspect the animal and make a final decision. The 4-H member is responsible for the cost of the veterinarian.
14. Use of graphite, charcoal, or any other substance that alters hair color in any form is prohibited for ANY and ALL livestock species. Animals may be checked with a white towel.
15. Use of drugs or any substance to change the appearance or handling of livestock is prohibited. Icing of the animals will NOT be permitted for ANY livestock species.
16. Animal grooming stalls/stands must be kept in the 4-H member's assigned area. Assigned areas will be provided. 4-H members are responsible for keeping their grooming areas clean.
17. When an animal is removed from the fairgrounds on Saturday, the pen must be cleaned before noon, or a \$25.00 penalty will be charged per pen.
18. Only one reweigh is allowed, and the second weight will be the official weight. Reweighs are not allowed to change classes, only to make weight for exhibition and/or auction is allowed. Check with the project superintendent for reweigh time on Monday of the fair.
19. If an animal is hurt when entered, it will be noted. If injury is severe, the animal may be sent home.
20. If an animal loses their ear tags, the 4-H member should contact the Extension Office immediately. The animal will then be retagged.
21. Registration numbers, tattoos, birth dates, and animal names must be exactly the same on the enrollment forms for registered heifers, Boer goat does, dairy breeding cattle, and dairy goats as they appear on the animal's registration papers.
22. All market animals must have a **notarized** affidavit concerning care, withdrawal time of all drugs administered to the animal, and to certify that the animals are free of illegal drugs. One form per species is required identifying each market animal. The affidavit is due at fair check-in.
23. Animal location forms must be completed by all 4-H members and are due with the online animal identification on 4HOnline.
24. Any person found violating any of the above rules may be disqualified from that class.
25. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

BEEF

General Requirements:

- At the time of the county fair, the 4-H beef animal should be about 18 months old. Therefore, the animal should have been born in the spring prior to last year's fair.
- All animals, steers and heifers, must be identified and weighed at the County ID day held annually. All animals must be castrated, dehorned, and healed by the ID day. All animals must be identified on 4HOnline at in.4honline.com by the state designated deadlines each year.
- Animals must be in possession of the 4-H member by February 1st of the year exhibited.
- All 4-H members must complete one activity in their project manual & turn in by the end of Monday of the Fair or by the deadline designated by the 4-H Council.
- Steers will be exhibited together, divided by three weight categories:
 - Lightweight—750-1100 pounds
 - Medium weight—1101-1250 pounds
 - Heavyweight—1251+ pounds
- To facilitate judging, the weight categories will be divided into classes by weight breaks determined by members of the Livestock Committee. Classes will be posted prior to the show.
- All Dairy steers must be 100% Dairy blood. They do not have to be registered animals. If they are not 100% Dairy blood, they will be shown as Beef steers.
- “Spayed or free-martin” heifers will be shown in market heifer classes.
- Market Heifers will be sleeved at the Beef check-in time for the 4-H Fair. If the animal is bred, she will be placed in the breeding heifer classes.
- The Grand Champion Market Heifer will not compete in the Grand Champion Steer Drive.
- A member may exhibit no more than six animals.
- All County Bred/Born animals must be declared at ID day and state where the animal was born. At fair check-in a bill of sale will be required as proof.
- All heifers must be designated as breeding heifer or market heifer on the pen reservation form. If neither is chosen, the heifer will be shown as a breeding heifer.
- Members exhibiting in the cow/calf class must have shown that cow in the breeding heifer class the previous year.
- Wood chips will be used as bedding in the barns.
- All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Exhibit Requirements:

Level 1 (Grades 3—5), Level 2 (Grades 6—8), Level 3 (Grades 9—12)

- All levels must follow the rules and regulations.
- All levels must submit completed manuals at the time designated.
- **Exhibit:** One or more animals fed, cared for, and owned by 4-H member exhibiting them.

CAVY – County project only

General Requirements:

- All livestock exhibitors shall abide by and follow all rules contained within both the Starke County 4-H General Terms & Conditions and the 4-H Livestock Terms & Conditions, unless specifically stated otherwise.
- 4-H Cavy animals must be owned and in the personal possession of the 4-H exhibitor by the Identification deadline of May 15th. The cavies must be under the same continuous care, responsibility and ownership until the close of the fair.
- Cavy members will identify their animals on or before May on 4HOnline at in.4honline.com. Every cavy the member owns should be identified so that if needed, a substitution animal may be shown. This form will be required in addition to the Animal Location form & will include information about breed, sex, age, variety, and tattoo for each cavy.
- Cavy check-in will occur between 10:00 am and 12:00 pm on Tuesday of fair week with check-out scheduled immediately concluding the Cavy show, unless otherwise specified.
- All entries shall be made in accordance with the official Starke County 4-H Cavy Pen FairEntry pen reservation and submitted through FairEntry online on or by the due date.
- All cavies must be permanently tattooed or tagged in the left ear and identified correctly in 4HOnline at in.4honline.com on or by May 15th.
- 4-H members are strongly encouraged to wear lab coats or long sleeve shirts during exhibition for safety reasons.
- All animals are subject to inspection upon entry for exhibition check-in. If any parasites or disease problems are noted, animals will be sent home.
- All classes will be judged according to ages and weights as established by the American Rabbit Breeders Associations, Inc. (ARBA) “Standard of Perfection”.
- All animals must be shown by the youth member who is exhibiting the animals. If the project exhibitor is unable to show the animal, another project member may show the animal subject to the superintendent’s approval.
- Proper show attire is expected to be worn by all members while exhibiting any of their animals. Show officials may, at their discretion, prevent an exhibitor from showing until proper show attire is worn.
- Exhibitors, dressed in proper show attire, must check-in with show officials, one-half hour prior to showing animals. Proper show attire includes long sleeve shirts, blouses, or jackets and long pants.
- Members should consult the standard of perfection book for cavies for information concerning animal conformity.

Educational Poster Requirements:

1. Open to all project members.
 - a. Check-in time and date is published yearly.
 - b. All poster entries are to remain on display the entire length of the fair.
 - c. Posters will be judged by levels.

2. Only one poster entry per exhibitor is permitted.
3. See General Hints for Your Exhibit on page 13 for project guidelines.
4. Poster topics may include any aspect of management, utilization, marketing, and other general information of the rabbit project, such as caring for cavy, diseases, live breeding, in-breeding, marketing of meats or pelts, laboratory uses, etc. The purpose of the educational poster is to visually demonstrate 4-H cavy project knowledge and to demonstrate 4-H cavy project possibilities to others.
5. See General Hints for Your Exhibit on page 13 for project guidelines.
 - a. A 3" x 5" index card must be attached to the back of the poster listing references.
 - b. Proper footnoting should be used with any reference material.

Cavy Costume Activity:

1. Participation shall be open to all project members.
2. Each 4-H member may show one cavy of any breed in the costume activity.
3. The audience will be the judges and will be given ballots to vote for their favorite contestant.

Cavy Photography

We would like to display your photographs in the barn area. This is a participation event and will not be judged, however you can earn points for awards. Share your favorite photos or a collage. Ideas include candid cavy photos, demonstration photos, cavy show photos, etc.

GOATS

General Requirements:

1. All livestock exhibitors shall abide by and follow all rules contained within both the Starke County 4-H General Terms & Conditions and the 4-H Livestock Terms & Conditions, unless specifically stated otherwise.
2. For goats, complete one activity in the goat project manual (Project Level 1 – Grades 3-5; Project Level 2 – Grades 6-8; Project Level 3 – Grades 9-12) and turn in to the Extension Office, along with a list (including registration number or Scrapie ID tag number) of does being exhibited, before the 4-H member's goat(s) is unloaded at the fairgrounds.
3. The goat identification deadline for all does is goat ID day in May. Weigh-in and tagging of all wethers and Boer does only will be on ID day at the fairgrounds. Pygmy wethers do not have to be weighed, but do need to receive their tag unless they are registered and have their tattoo numbers listed on their registration, or have a microchip inserted for identification. All goats are to be identified on 4Honline at in.4honline.com by the deadline set by the State.
4. All goat members must complete the Animal Location form which is due with the goat enrollment form on ID day.
5. No tags will be allowed other than 4-H tags and state issued Scrapie tags.
6. All 4-H goat members will be limited to one (1) pen per 1-4 goats and a maximum of two (2) pens with a maximum of eight (8) goats per 4-H member.
7. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Exhibit Classes (use for goat enrollment form)

For all types of goats, classes may be combined or divided at the discretion of the goat superintendents and/or livestock committee. If the goat breed is in question, the superintendents will make the final determination. When filling out enrollment forms, please designate the type of goat—dairy doe, dairy market wether, pygmy doe, pygmy wether, Boer percentage doe, Boer fullblood doe, meat market wether. Also, include the animal's tattoo numbers and/or Scrapie tag number, or registration number, along with the birthdate, which will assist in identifying animals and determining classes. Unregistered does must have a Scrapie tag for identification.

Dairy Goats

- Dairy does and dairy market wethers must be dehorned. Animals with scurs that are not hazardous can be shown at the discretion of the goat superintendent.
- Each 4-H member is limited to exhibiting a total of 6 dairy goats, with no more than 6 dairy does (limit 2 does per class) and 2 dairy wethers.
- No bucks will be exhibited at the 4-H fair.
- State Board of Animal Health requirements must be met for all entries.
- Goat enrollment form deadline for all goat does and for all goat wethers, will be ID day, at the tagging and weigh-in.
- Unregistered does must have a Scrapie tag for identification.
- Dairy breed recognized by the American Dairy Goat Association: Alpine, LaMancha, Nigerian Dwarf, Nubian, Oberhasli, Saanan, Sable, & Toggenburg. Cross of any of the above breeds. No meat goat crosses will be allowed.
- Goat superintendent will determine the dairy goat breed purity. All screening decisions will be final. Screening will take place at both the ID day and fair check-in.
- All dairy goat breeding stock, both registered and non-registered, must be identified by a tattoo recorded on the official dairy goat enrollment form. Though the goat superintendent will assist members with tattooing of breeding stock, tattoos may be applied by others (parents, veterinarian, etc.)
- All goats must be full body clipped no more than two weeks prior to arrival at the fair. Only touch-up clipping will be allowed at the fair.
- All dairy goats that are in milk must be milked out at the fair prior to the show. If dairy goat health issues arise during the county 4-H fair, they will be addressed at the discretion of the goat superintendent. It will be decided if the animal will be able to participate in fair activities.

Junior Dairy Does (does that have never freshened)

- Junior doe—born on or after April 1, current year
- Intermediate doe—born March 1—March 31, current year
- Senior doe—born January 1—February 29, current year
- Junior Yearling Dry doe—born July 1—December 31 of previous year
- Senior Yearling Dry doe—1 year and under 2 years

Senior Dairy Does (does that have freshened)

- Yearling doe—1 year and under 2 years (milking)
- Two Year Old Milking doe—2 year and under 3 years (milking)
- Three & Four Year Old Milking doe—3 years and under 5 years
- Five Year Old Milking doe—5 years and over

Dairy Market Wethers

All wethers will be shown by weight. They must be born between August 1st of the previous year and April 15th of the current year. Dairy market wethers will compete for the Rate of Gain plaque. These wethers must be dehorned. They will be tagged and weighed on ID day, at the fairgrounds. All enrollment forms for wethers are due at that time.

Boer Goats

- Boer does and wethers may be horned or dehorned.
- Members may enroll and tag 10 does and 10 wethers, however each 4-H member is limited to exhibiting 6 Boer goats total, with no more than 6 Boer breeding does (limit 2 entries per class), 2 meat wethers, and 2 market does
- All meat goat wethers, non-registered Boer does and all other breeds of meat goat does, must be identified by ear tag on the annual ID day. State Fair bound meat goat wethers must be identified by retinal scan.
- Goat enrollment form deadline for all goat does and for all goat wethers, will be ID day, at the tagging and weigh-in.
- Both full blood Boer does and percentage Boer does, must have registration certificates.
- All does must also have a legible tattoo identical to the one recorded on their registration certificate. All other does will be shown as Commercial Meat Goat does.
- Animals shown in breeding classes will not be allowed to show in market classes.
- All wethers must be full body clipped no more than two weeks prior to the fair. Only touch-up clipping will be allowed at the fair. A maximum of 3/8" body hair, excluding head, legs, and tail will be allowed at weigh-in.
- No bucks will be exhibited at the fair.

Boer Percentage Does (less than 94% Boer goat blood)—These Boer does do not need registration papers. If the 4-H member was not given registration papers upon purchasing the animal, the doe would be shown in these percentage classes. If the 4-H member is raising goats and chooses not to register them, they would be shown in these classes. Unregistered does must have a Scrapie tag for identification.

- Junior percentage doe—0-12 months of age
- Yearling percentage doe—12-24 months of age
- Senior percentage doe—24 months and older

Boer Fullblood Does (94% or greater Boer goat blood)—These Boer does must be identified by their fullblood registration number and birth date at time of enrollment. 4-H members must attach a copy of their animal's registration papers to the enrollment form. Please see the Indiana State Fair rules on registration guidelines. If the Boer fullblood does are not registered, they will be shown in the percentage classes.

- Junior fullblood doe—0-12 months of age
- Yearling fullblood doe—12-24 months of age
- Senior fullblood doe—24 months and older

Meat Market Does (Boer does that will be sold at auction)—These Boer type or crossbred (any doe with Boer breeding) market does will be shown by weight. Meat market does must

have their milk teeth in place. These animals are to be born between August 1st of the previous year and April 15th of the current year. Each 4-H member is limited to exhibiting 2 market does. Meat market does will compete for the Rate of Gain plaque. These market does can be horned or dehorned. They must be tagged and weighed on ID day, at the fairgrounds. All market does enrollment forms are due on ID day.

Meat Market Wethers—These Boer type or crossbred (any wether with Boer breeding) wethers will be shown by weight. Meat market wethers must have their milk teeth in place. These animals are to be born between August 1st of the previous year and April 15th of the current year. Each 4-H member is limited to exhibiting 2 wethers. Meat market wethers will compete for the Rate of Gain plaque. These wethers can be horned or dehorned. They must be tagged and weighed on ID day, at the fairgrounds. All wether enrollment forms are due on ID day.

Pygmy Goats

- Pygmy does and wethers may be horned or dehorned.
- Members may enroll fourteen does and six wethers, however each 4-H member is limited to exhibiting 4 Pygmy does (limited to 2 per class) and 2 Pygmy wethers.
- Goat enrollment form deadline for all goat does and for all goat wethers, will be ID day, at the tagging and weigh-in.
- Unregistered does must have a Scrapie tag for identification.
- No bucks will be exhibited at the fair.
- State Board of Animal Health requirements must be met for all entries.
- Any doe exhibited with multiple teats will be disqualified from the show ring. Please remove any extra teats when the doe is young
- All animals exhibited must have either an ear tattoo or a microchip for identification. If a microchip is used for identification, it is the 4-H member's responsibility to have a microchip reader with the animal at all times.

Pygmy Wethers—These wethers can be any age. Pygmy wethers do not have to be weighed, but must have a registered tattoo or microchip ID. Pygmy members needing identification will be tagged on ID day, at the fairgrounds. All wether goat enrollment forms are due at that time. Any Pygmy wether over 18 months of age must have a Scrapie tag.

Pygmy Classes

- Jr. Kid—8 weeks to 6 months of age
- Sr. Kid—over 6 months, but under 1 year of age.
- Unfreshened Yearling doe—over 1 year but under 2 years of age.
- Freshened Yearling doe—over 1 year but not over 2 years, who has already had kids
- 2 year old doe—over 2 years but not yet 3 years old
- Mature doe—3 to 5 years of age
- Aged doe—over 5 years of age
- Junior wethers—under 6 months of age
- Intermediate wethers—6 months to 1 year of age
- Senior wethers—over 1 year of age (Senior wethers over 1 year of age will not be eligible for Grand Champion honors or the livestock auction.)
- Mother-Daughter—any 2 females, so long as one is the daughter of the other.

Born and Raised

The purpose of this project is to allow any Starke County 4-H Member to participate in a BORN & RAISED market goat class.

Born & Raised market goat class entries are open to current Starke County 4-H Members residing inside or outside of Starke County, Indiana.

Eligibility requirements for Starke County BORN & RAISED CLASS Market Goats.

1. 4-H Member and/or parents/legal guardian must have legal ownership of Doe(s) & goat kid(s).
2. The market animal must be kidded by a doe owned by the member and at the family farm or residence.
3. Goats will be for member's use only and are not eligible to be sold to other Goat members for born & raised use.
4. All required paperwork to be filled out and turned in by animal tagging. At that time, all eligible goats must be tagged with a Scrapie tag at time of tagging.

4-H Members are responsible to provide documentation they are the legal owners of Doe(s) & goat kid(s). Such as registration paperwork of the doe, a picture of the 4-H exhibitor showing the animal with the mother goat and goat being exhibited in the BORN & RAISED market class. Picture must be taken within the first month the goat was born. Market goats exhibited must be tagged with the family farm's scrapie tag.

The Superintendents will split Wether and commercial Doe classes by weight if needed, (i.e. light, medium, and heavy). The top placing Born and Raised from each class will be eligible to return for the Champion selection.

Not Eligible Example: 4-H member purchased their market goat from someone in Starke County who bred the female and has sold the offspring to the member who raised it as a market animal.

Showmanship

Exhibitors may only show their own animals in Showmanship classes that they have exhibited in another class.

Showmanship classes: (Grade in school on January 1st of the current year)

- Junior Showmanship—all 4-H exhibitors in the 3rd, 4th, or 5th grade are eligible. Once an exhibitor is the Champion Junior Showman, the 4-H member must compete in Intermediate Showmanship.
- Intermediate Showmanship—all 4-H exhibitors in the 6th, 7th, or 8th grade are eligible (exception for Junior Showmanship winners). Once a 4-H member is the Champion Intermediate Showman, that member must compete in Senior Showmanship.
- Senior Showmanship—all 4-H exhibitors in the 9th grade or above are eligible (exception for Intermediate Showmanship winners). Senior Showmanship winners are no longer eligible for the Senior Showmanship class, but will compete in the Champion Goat Showmanship class.

- Champion Goat Showman—Senior Showmanship winners may compete for the “Champion Goat Showman” title. The Champion Goat Showman will move on to compete in the Round Robin competition.

HORSE & PONY

State Horse and Pony rules supersede the following rules. The State Horse and Pony Rule Book is available at the Extension Office.

Project Requirements:

1. Members will enroll in a 4-H club by the enrollment deadline prior to the next fair. You may enroll in the Horse & Pony club if that is the only project you are taking that year. Those members taking more than the horse and pony project are required to enroll in another club.
2. Project and records shall start no later than March 1st for first year members. All other members need to keep records year round.
3. Animals for this project must be owned by the member or in partnership with his/her family or by a bona-fide lease agreement in which the member is personally involved in the care of the horse. Leases are to be approved by the 4-H leaser and the 4-H Youth Development Educator, and recorded at the Extension Office by May 15th.
4. Animals are to be identified on 4HOnline at in.4honline.com by the State set date.
5. You must wear a helmet at all times while mounted at any 4-H event. No exceptions!
5. **It is requested that all exhibitors attend 3 riding practices with their horses. If a 4-H member is participating in contesting or jumping, they are required to attend 1 contesting or jumping practice.**

Exhibit Requirements:

1. Project manuals must be completed and turned in before exhibiting at the fair.
2. Project Level 1 – Grades 3-5; Project Level 2 – Grades 6-8; Project Level 3 – Grades 9-12
3. Members should show in at least one class at the fair.
4. 4-H members must show their animals. Each member is limited to showing once in each class. In case of sickness, injury, or conflict of showing another animal species at the county fair, the owner may have the animals shown by another 4-H member with approval prior to the class by the 4-H show manager (halter classes only).
5. Each animal must be shown by only one 4-H member, except in families with less horses/ponies than children. Then each child may show only one horse/pony. There cannot be a conflict showing the horse/pony in the same class/event.
6. Members may show no more than two animals. Brood mare and foal are considered one animal.
7. All classes will be judged by the Indiana 4-H Horse & Pony Rules.
8. **Class registration must be turned in to the Extension Office by July 1st.**
9. All entries must be entered in appropriate classes by number or they will be disqualified.

10. January 1st will be considered the birth date of all animals.
11. Ribbons won previously may not be worn in the ring.

General Requirements:

1. If the animal dies or because of accident or health is unable to be shown, the project is considered completed upon submission of the completed project manual.
2. The 4-H Horse & Pony Advisory Committee shall serve in an advisory capacity to the 4-H Council and Horse & Pony Club.
3. The show manager will be the President of the Advisory Committee.
4. The Advisory Committee Secretary shall be in charge of the entry booth at the county fair and any horse shows the club may sponsor.

Health Rules:

1. The administration of any drug affecting the central nervous system (stimulant or depressant) to an animal shown in any 4-H class is strictly prohibited. The show manager reserves the right to have any animal tested for drugs.
2. All animals must be sound and healthy. Any questionable animals may be removed by the vet in charge. Vet must check the animal on the grounds and issue a release order to the person in charge (show manager). Once the animal is released, it may not return.
3. **Vaccination records must be turned in to the Extension Office by May 1st in order to exhibit at the fair.**

Barn & Ground Rules:

1. No smoking is allowed in or around the barns.
2. Horses and ponies stay on the fairgrounds all week.
3. Members, not parents, must care for their own animals.
4. All animals will be assigned stalls by the Show Manager.
5. All trailers, trucks, and campers must be parked in designated areas.
6. During fair week, only 4-H members may ride their 4-H horse or pony. Animals are not to be mounted by any individual except in staging and warm-up areas. All saddling and hitching is to be done outside of barns due to stall size.
7. All members must wear long pants and boots when riding and boots whether riding or leading horse/pony. No shorts!
8. Any 4-H member who continually breaks the rules may be barred from showing and forfeit any prizes and winnings.
9. Protective headgear must always be worn at all times when an exhibitor is in the ring for contesting or hunter type classes. It is required at all 4-H practice and work sessions.
10. For the Costume Class, the exhibitor's animal must be led in the show ring by the exhibitor or another responsible person if the exhibitor is riding his/her horse/pony as part of the costume.
11. Leaders may sign your horse & pony manual after the members have their animals' stalls cleaned, and a leader checks the area. An unsigned manual will give an incomplete for the project. Only horse and pony leaders may sign the horse & pony manual.
12. There is to be no riding double.
13. No riding of animals is allowed east of the grandstand.

Appeals

Any appeal from a rule or application thereof, should be made in person by the 4-H member

following submission of a brief written description of the problem. It should be directed to the next higher level of authority according to the following:

1. Horse Show Manager
2. Adult Advisory Committee
3. the Grievance Committee

Any decisions by the show judge will be final. Questions concerning rules are to be presented to the Show Manager. All appeals or protests must be submitted to the Show Manager in writing within ½ (one-half) hour of the alleged infraction. All protests will be acted upon by the Horse Show Manager, Adult Advisory Committee, or the Grievance Committee. In case of not being able to find the Show Manager within ½ hour of the time of infraction, appeals may be given to the Show Secretary, who will then find the Show Manager and give the appeal to him/her.

Behavioral Expectations

For behavioral expectations of both 4-H members and parents, please refer to the Rules and Policy section of the Starke County 4-H Resource Handbook (page 7 & 8).

Horse & Pony Helmet Policy

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 & Pony event, show, or activity. The 4-H member is 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 was placed in effect during the 2003 4-H program year and applies to all county, area, and state 4-H horse and pony events, shows, and activities.

Adults riding horses are also at risk of head injury; therefore, adults are also strongly encouraged to wear properly fitted, certified helmets when they are riding at any 4-H sponsored activity/event so that they will serve as role models of safe behavior, as well as protect themselves.

POULTRY

General Requirements

1. All animals for the Poultry project must be raised & exhibited by the 4-H members in this project.
2. All project members are encouraged to attend at least 2 of the project workshops.
3. In the appropriate project manual, all 4-H members are required to complete 1 activity each year. Signed manuals with completed activities are due on the day of animal check-in at the time the animals are brought in.
4. On the day your poultry are checked in, all of your birds will be watered or you will take them home. All animals are to be fed and watered twice a day.
5. There will be no dusting of animals on the fairgrounds. All birds need to be “dusted” prior to the animals being brought to the fairgrounds.
6. Pens must be cleaned daily by 5:00 p.m. with fresh bedding (supplied by the exhibitor). The committee will check pens at 5:00 p.m. and will assess a \$25.00 per pen fine, per day for

- any pen that does not meet this expectation. This fine will be deducted from auction checks. (Commercial animals may need their pen cleaned more often for health of the animals and persons in the barn). Exhibitors are to sign the pen verification form in the front of the barn at the time of cleaning and have the barn watch person initial the form to verify cleaning. A Poultry Committee member will make rounds at 5:00 p.m. daily and verify that each pen cage tag that the pen was indeed cleaned prior to the daily deadline. All pens must be cleaned the morning of the show before judging starts in respect for cleanliness for the judges. All poultry pens must be cleaned before the auction. Before any poultry are released Thursday and Friday, the pen must be cleaned and food and water containers cleaned for storage.
7. Animals will be examined at check-in for visible signs of disease and parasites. Any animal found with disease or parasites will be sent home.
 8. N.P.I.P. papers must be present at check-in for animals less than 1 year old acquired from a N.P.I.P. participating flock, or older animals will have been N.P.I.P. blood tested within the last 3 months of show with valid N.P.I.P. papers present at the time of animal check-in. If N.P.I.P. papers are not present at the time of animal check-in all animals will need to be blood tested per the N.P.I.P. rules. (This excludes ducks and geese.)
 9. Judging of animals will be done in accordance of the American Standard of Perfection for the American Poultry Association, or the Book of Standards by the National Pigeon Association for pigeons. Commercial turkeys will be divided into Hens and Toms for the purpose of judging.
 10. Commercial class animals will require proof of age at check-in.
 11. Commercial Poultry Meat Class birds will be weighed on the day of check-in and must meet class requirements in order to be shown.
 12. All animals must meet the possession deadline set in this handbook. See age guidelines in the animal descriptions for possession deadlines. Special exception may be made with project leader(s) approval for chicks hatched from your own flock. No animals will be auctioned if the Livestock Committee feels the animal is unfit for sale.
 13. The number of birds that a member may exhibit will be established by the Livestock Committee based on number of members enrolled in the project and number of cages available at the time of pen reservations. Pen reservations must be submitted through FairEntry in order to show animals. Exhibitors may exhibit 1 bird in each commercial and exhibition class for ducks, geese, and turkeys as space permits.
 14. All decisions will be made by the Poultry Leaders, Poultry Committee and/or the assigned Poultry Project Judge each year based on the Indiana State Poultry Association Recommendations, National Poultry Improvement Plan Guidelines, The Indiana State BOAH rules, the American Standards of Perfection of the American Poultry Association and/or the Book of Standards by the National Pigeon Association for the welfare of the animals, 4-H exhibitors & the public.
 15. State fair entry deadline is July 1st each year. An enrollment form may be obtained at the Purdue website, from the Extension Office, or from the Poultry leaders.
 16. Pheasants and guinea classes will be added to the meat classes for a trial run for the period of two (2) years as exhibition only classes. Re-evaluation of these classes concerning continuations of, and or adding commercial classes will be decided at the end of the two (2) year period.
 17. In order to sell commercial poultry at the auction; the 4-H exhibitor must enter and show another bird in an exhibition class.
 18. Absolutely no poultry exhibit is to be released prior to Thursday at 9:00p.m. without

- notification of barn superintendent. All non-auction poultry will be released at 9:00 p.m. on Thursday evening and must be removed from the poultry building by 9:00 a.m. Friday morning. Exhibitors must inform the 4-H Poultry or Rabbit Leader before removal of said poultry, clean the pens and sign the sheet stating they removed said birds. The poultry and rabbit committee is not responsible for any birds not removed during checkout times.
19. Only one poultry bird from each commercial species will be and remain in the arena at the time of that species auction.
 20. 4-H exhibitors must be at the poultry and rabbit building 30 minutes prior to auction starting. Exhibitor is not to leave once in line until their bird lot is sold. If the exhibitor leaves before their bird is sold without permission of barn supervisor, their bird lot will be scratched from the auction. This should create less confusion and expedite the process.
 21. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Poultry Posters

- This project offers this category to 4-H members who may want to take the poultry project but are unable to actually raise poultry, pigeons or waterfowl.
- Posters and Poultry Science Project displays are **optional at county level**. Develop an idea and build it into an attractive display as well as learn the technical aspect of some part of the poultry industry. Any 4-H poultry project member may exhibit a poster. Posters must be 22" x 28" displayed horizontally.

Level 1—Junior (Grades 3—5)

Suggested topic ideas, however you are not limited to these topics: what you need to begin raising poultry, buying healthy poultry, how to safely transport poultry, chicken basics-label the parts of a chicken, all about eggs, free-range breeding versus captive.

Level 2—Intermediate (Grades 6—8)

Suggested topic ideas, however you are not limited to these topics: describe a breed of chicken's development and history, how the poultry digestive system works, parasite patrol, hen house maintenance, how and why we candle eggs, feed and nutrition needs of poultry.

Level 3—Senior (Grades 9—12)

Suggested topic ideas, however you are not limited to these topics: explain the poultry respiratory system, why do we blood test poultry, what is avian influenza, design a proper chicken coop, the incubation process, information on a common poultry disease, what is the exotic Newcastle virus, discuss career opportunities in poultry.

1. Poultry posters are an optional activity and are not mandatory for completion of the project if the 4-H member is showing live animals at the fair.
2. See General Hints for Your Exhibit on page 13 for project guidelines.
3. A poster must be submitted to complete the project if live animals are not available to the project member.
4. Posters are due at the time of poultry project animal check-in.
5. Champion posters for each category may be selected for state fair exhibition.

Chicken

Commercial Egg Layers

Division in this category are: Brown Egg Pullets, White Egg Pullets, A.O.C. Egg Pullets, Brown Egg Hens, White Egg Hens, and A.O.C. Hens.

1. A pen consists of 2 female birds of the same breed. They should be as close as possible in size, weight, and color.
2. Pullets are female chickens born after January 1st of the current calendar year.
3. Hens are female chickens born before January 1st of the current calendar year and must be laying eggs at the time of the fair.
4. Exhibitors are limited to one pen of each breed in each division of commercial egg laying classes, but not to exceed the maximum number of pens set for each exhibition year.

Commercial Meat

Divisions in this category are: Broilers and Roasters.

1. A pen consists of 2 live birds of the same sex, preferable male. They should be as close as possible in weight.
2. Broilers are approximately 6-8 weeks old (possession deadline is June 1st of exhibition year) in age on the day of check-in and weigh a minimum of 3 pounds to a maximum of 5 pounds. No bird under 3 pounds will be accepted.
3. Roasters are approximately 10-12 weeks old (possession deadline is May 1st of exhibition year) in age on the day of check-in and weigh a minimum of 5 pounds to a maximum of 10 pounds. No bird over 10 pounds will be accepted.
4. Each exhibitor is allowed one pen in each division, and a pen is counted as 1 of the 6 animals an exhibitor is allowed to sell in the auction.

Poultry Exhibition Classes

Bantam Class: Divisions in this category are: Single-Combed Clean Legged and other than Game Bantams, Rose-Comb Clean Legged other than Game Bantams, Any Other Comb Clean Legged other than Game Bantams, Feather Legged Bantams, and Game Bantams.

Standard Class: Division in this category are: American, Asiatic, Continental, Mediterranean, English, and All Other Breeds.

1. A pen will consist of a single purebred chicken that conforms as nearly as possible to the American Standard of Perfection of the American Poultry Association.
2. Only accepted purebred breeds will be allowed in the exhibition classes.
3. Exhibitors may show 1 bird of each sex, of each breed in each division, but not to exceed the maximum number of pens set for each exhibition year.

Turkey

Only one turkey may be exhibited. You choose which class you want to exhibit this bird in according to the following guidelines.

Commercial Turkey

1. The turkey must be born after January 1st of the current year.

2. The bird should be a breed suggested for meat production, such as Broad Breasted, White Holland, or Broad Breasted Bronze.
3. May be sold in auction and counts as 1 of your 6 animals.

Exhibition Turkey

1. The turkey must be born before January 1st of the current year.
2. The bird is purebred which conforms as nearly as possible to the Standard of Perfection for the breed as set by the Standard of Perfection of the American Poultry Association.

Ducks

One duck may be shown in each class according to the following guidelines. Only Commercial Class ducks may be sold.

Commercial Ducks

1. The duck must be born after January 1st of the current year.
2. The bird should be a breed suggested for meat production, such as Pekin, Aylesbury, or Rouen.

Exhibition Ducks

1. The duck may be born before January 1st of the current year.
2. The bird is purebred which conforms as nearly as possible to the Standard of Perfection for the breed as set by the Standard of Perfection of the American Poultry Association.

Geese

Only one goose may be exhibited. You must choose which class you want to exhibit the bird in according to the following guidelines. Only Commercial Class may be sold.

Commercial Geese

1. The goose must be born after January 1st of the current year.
2. The bird should be a breed suggested for meat production such as Toulouse, Embden, and African.
3. May be sold in the auction and counts as 1 of your 6 animals.

Exhibition Geese

1. The goose may be born before January 1st of the current year.
2. The bird is purebred which conforms as nearly as possible to the Standard of Perfection for the breed as set by the Standard of Perfection of the American Poultry Association.

Pigeons

Exhibition Pigeons

Divisions in this category are: Fancy, Sporting, and Utility pigeons.

1. A pen will consist of a pair of purebred pigeons that conform as nearly as possible to the Book of Standards of the National Pigeon Association.
2. Only accepted purebred breeds will be allowed in each exhibition division.
3. Exhibitors may show a pair of pigeons (one of each sex per pen pair, of each breed, in each division), but not to exceed the maximum number of pens set for each exhibition year.

RABBITS

General Requirements:

1. All livestock exhibitors shall abide by and follow all rules contained within both the Starke County 4-H General Terms and Conditions and the 4-H Livestock Terms and Conditions, unless specifically stated otherwise.
2. 4-H rabbit animals must be owned and in the personal possession of the 4-H exhibitor by the Identification deadline date of May 15th. The rabbits must be under the same continuous care, responsibility and ownership until the close of the Starke County Fair.
3. Rabbit members will identify their animals on 4HOnline at in.4honline.com on or before May 15th. This Identification form should contain every rabbit the members owns so that if needed a substitution animal may be shown. This will be in addition to the Animal Location form & will include information about breed, sex, age, variety, and tattoo for each rabbit.
4. Rabbit check-in will be the first Saturday of fair, between 4:00 p.m. and 8:00 p.m., with check-out scheduled for the following Thursday at 9:00 p.m., unless otherwise specified by the Starke County Fair Board. All auction animals must remain on the fairgrounds.
5. All entries shall be made in accordance with the official Starke County 4-H Rabbit Pen Reservation Form and submitted to the Extension Office on or by the due date.
6. All rabbits must be permanently tattooed in the left ear and identified correctly on the identification form submitted on 4HOnline at in.4honline.com on or before May 15th.
7. 4-H members are strongly encouraged to wear lab coats or long sleeve shirts during exhibition for safety reasons.
8. All animals are subject to inspection upon entry for check-in. If any parasites or disease problems are noted, animals will be sent home.
9. All classes will be judged according to ages and weights as established by the American Rabbit Breeders Association, Inc. (ARBA) "Standard of Perfection", except meat pens, doe and litter, and the carcass classes.
10. A rabbit entered in any breed class shall not be entered in commercial classes or the doe & litter class.
11. Only breeds of rabbits recognized by the ARBA shall be eligible for competition at the Starke County Fair.
12. Each 4-H member is required to complete 1 activity in the appropriate project manual. This completed manual is due at the time of check-in for exhibition privileges.
13. 4-H members shall be provided with rabbit cage(s), as available. The 4-H exhibitor shall provide his/her own rabbit feed, feeders, water bottles or crocks affixed to their cages, and any replacement wood shavings needed.
14. Due to space limitations, a limit may be set and enforced by the 4-H Rabbit Committee on the number of rabbits housed in the rabbit barn during the fair.
15. 4-H members are required to show his/her rabbit exhibit(s) at the designated judging time. All 4-H members are responsible on show day for bringing his/her 4-H rabbit(s) to and from the judging table. Only current Starke County 4-H members may show rabbits at the judging table, no adults. However, if an unexpected situation should arise please contact the project superintendent and/or 4-H Rabbit Committee members prior to judging for alternative considerations. (For example, a Horse & Pony member may select another Starke County 4-H member to show the rabbit due to the fact that both

- shows occur at the same time.)
16. Each class will be called three times and rabbits present will be judged. Any missing rabbits or exhibitors will be disqualified.
 17. All 4-H rabbits are required to be tattooed in order to exhibit at the fair.
 - a. Rabbits too young to tattoo at the time of the enrollment deadline may be exhibited at the fair, only if they are kindled by a doe listed on the 4-H Rabbit Pen form. This will include meat pens.
 - b. Questions regarding tattooing should be directed to the project superintendent and/or committee members.
 18. Members may sell two lots in the auction. This is any combination of meat pen, single fryer, roaster, or stewer. Rabbits selling at the auction must meet minimum weight requirements.
 19. All rabbit exhibits are to remain in the barn until the project superintendent and/or committee members has officially checked them out.
 - a. Members are required to clean and dismantle all pens, prior to checkout.
 - b. Members who do not abide by this rule shall forfeit all prizes and/or awards and face fines as stated in General Livestock Rules including a one year suspension and up to disbarment from the project.
 20. Trophies will be distributed during the Rabbit Project Awards on Thursday evening. Ribbons will be distributed during the rabbit show.
 21. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Exhibit Classes

Defined by ARBA Standard of Perfection

Commercial Meat Classes

Misrepresentation of animal's age in meat classes will be considered fraud. Any exhibitor making a false or misleading statement or any other dishonorable practice will be disqualified from the show, and face discipline as determined by the General Livestock rules.

Meat Pen

1. Only one entry is permitted and must be a Six Class (Commercial) breed.
2. Exhibits shall consist of three rabbits, all of the same breed and variety, with the maximum age of 10 weeks. Judging will follow ARBA Judging and Standard Guide.
3. To participate in this section, exhibitors must make entries in the Breed Class.

Single Fryer, Roaster, Stewer

1. Judged by ARBA Standards

Doe and Litter

1. Only one entry is permitted in Four Class and one entry in Six Class in this section.
2. Exhibit shall consist of one doe and her entire litter.
 - a. The litter shall be five to eight weeks old at the time of the fair.
3. There will be separate classes for Four and Six Class rabbits.

4. The Grand Champion Doe & Litter will be selected from the Champion Four class and Champion Six class Doe & Litter classes.
5. Litters in this class must be raised by the exhibitor.

Carcass Class

1. Only one entry is permitted in this section.
 - a. Entries shall consist of a single animal.
2. Animals shall be judged live and then dressed for carcass judging.
3. Any rabbit exhibiting health concerns shall be disqualified. General breed disqualifications do not apply.
4. To participate in this section, exhibitors must make entries in a breed class.
5. Exhibits shall consist of rabbits with the maximum age of ten weeks and the following maximum live weights (members should learn to butcher in terms of weight and maturity):
 - a. Small Class: 4 lbs. to include English Spots, Florida Whites, Havanas, Standard Chinchillas, Dutch, and Tans.
 - b. Regular Class: 5 lbs.
 - c. Large Class: 7 lbs. to include Flemish Giants, Giant Chinchillas, Checkered Giants, and French Lop.
6. The final placing shall be based on the following three factors:
 - a. Live placing
 - b. On rail placing
 - c. Percent of dress-out

Each factor shall count as one third (1/3) of the final score. The first place rabbit in each category shall be awarded a number of points equal to the number of rabbits in each class, with each succeeding lower placed animal receiving one.

Educational Poster

1. Open to all project members.
 - a. Check-in time and date for posters is published yearly.
 - b. All poster entries are to stay in the building for exhibit the entire length of the fair and are to be picked up at the time designated.
 - c. Posters will be judged by levels. One poster per level may be selected for exhibit at the State Fair.
2. See General Hints for Your Exhibit on page 13 for project guidelines.
3. Only one entry is permitted per 4-H member.
4. Project Level 1 – Grades 3-5; Project Level 2 – Grades 6-8; Project Level 3 – Grades 9-12
5. An entry in this section may show any aspect of management, utilization, marketing, and other general information of the rabbit project, such as caring for rabbits, diseases, live breeding, in-breeding, marketing of meats or pelts, laboratory uses, etc.
6. The purpose of the Educational Poster is to visually demonstrate 4-H Rabbit project knowledge and to demonstrate 4-H Rabbit project possibilities to others.
7. See section General Hints for Your Exhibit (on page 11)
 - a. A 3” x 5” index card must be attached to the back of the poster listing references.
 - b. Proper footnoting should be used with any reference material.

Golden Carrot Award

The “Best Rabbit Person” award will be given to the 4-H member with the highest number of total points, to be determined as follows:

1. Five points for entry in classes listed in a breed class.
2. Five points for entry in a Commercial class.
3. Five points for each workshop attended; must sign-in and remain at workshop to be counted.
4. Ten points for helping during the barn clean-up/set-up prior to the fair; must sign-in and work at least two hours to receive points or until set-up and clean-up are completed.
5. Three points for participating in the rabbit photography activity.
6. Five points for participating in the rabbit costume activity.
7. Five points for participating in each fundraising activity held by the rabbit project.
8. Points earned on rabbit poster up to 100.
9. Points earned during rabbit ambassador contest.
10. 10 points for an “A” on project manual, 8 points for a “B”
11. 10 points for completed rabbit records.

Rabbit Costume Activity

1. Participation shall be open to all project members.
2. Each member may show one rabbit of any breed in the costume activity.
3. The audience will be the judges and will be given ballots to vote for their favorite contestant.

Rabbit Photography

We would like to display your photographs in the barn area. This is a participation event and will not be judged, however you can earn points for awards. Share your favorite photos or a collage. Ideas include candid rabbitry photos, demonstration photos, rabbit show photos, etc.

Rabbit Ambassador

Please refer to the current Indiana 4-H Ambassador Handbook.

Rabbit Agility (exhibition for 2 years)

1. Animal entered may be any breed of domestic rabbit, no pedigree is required.
2. Animals must be at least 4 months of age to compete. Animals younger than 3 months are not permitted on harnesses or leashes in the showroom.
3. Pregnant does are not permitted to compete. In addition, any doe that has had a litter in the past 8 week is not permitted to compete.
4. Animal handlers will be responsible for cleaning up any debris their animal leaves on the competition course during the competition and in the warm-up area.
5. Careless handling of rabbits will result in a warning. Serious negligent handling will result in a disqualification. No refunds need to be given for disqualifications.
6. Rabbits shall proceed through the course and over the jump voluntarily. Animal handlers are prohibited from forcing or carrying animals through the course, but may lift them over jumps, if necessary. Assistance and encouragement may not involve yelling loudly or any other method that would subject a rabbit to excessive stress. Touching your rabbit with your feet is not permitted.
7. Handlers and rabbits are considered a team. A rabbit can only have one handler at a competition. Persons with disabilities may appoint an animal handler for a competition.
8. Handlers will not use the leash to hit a rabbit to get it moving or as a means of discipline.

Rabbits may not be lifted with the leash.

9. Animal handlers must always embody good sportsmanship. Violations will result in warnings and disqualification. It is up to the judge's discretion as to what constitutes poor sportsmanship. The judge's decision is final.

Hopping and agility competitions shall take place on a level, shock absorbent surface. Mats or carpeting will be used. All jumps shall have displaceable bars that fall free if hit by the rabbit from either direction. All jumps and obstacles will be painted with an all-weather non-toxic water based paint. Jump bars shall have stripes painted or taped on them to allow the rabbits to view the height and width of the obstacle. The hopping exhibition will take place indoors in the show arena. H-style harnesses and leashes are required for all rabbit hopping exhibition. Leashes and harnesses not meeting safety standards for rabbits will not be allowed to be used on a rabbit in the competition or warm-up area. A warm-up area should be provided with a maximum of 2 jumps that are a maximum of 10" high.

Competition

1. Only 1 rabbit is permitted on the course at any time.
2. The warm-up area shall be supervised by the ring crew.
3. Judges will inspect all equipment prior to the beginning of the show, and may modify the requirements to the extent needed to eliminate any unsafe equipment.
4. Animal handlers are not permitted to step over jumps. They must go around the jump.
5. Repeated violations will result in disqualification.
6. Beginning and ending jumps must always be present, and are not taken into account on scoring (no faults will be given for displacing rails on these jumps).
7. The jumps must be hopped in the correct order, otherwise a "wrong way" judgment shall be declared, and one fault shall be issued. In order for a "wrong way" to be declared, a rabbit must have jumped an obstacle and all four feet must touch the ground. The start obstacle prior to the beginning of the course does not count in the wrong way judgment. The final obstacle must be cleared in the right direction for the clock to stop. Once the rabbit has touched all four feet on the ground after clearing the final obstacle the clock is stopped, and the course is considered complete.
8. No treats (for you or your rabbit) will be allowed on the hopping course or in the warm-up area.
9. Leashes must be held at all times.
10. Rabbits may not be left unattended outside of their carrier or coop. Rabbits may not be tied up with their leash.

Rabbit Hopping

- A Start and Finish Jump (with name applied to each) no higher than 6 inches, should be placed at the beginning and end of each course.
- Easy Class
 - 10 jumps to include a start and finish jump. (example: start jump—6", 8", 10", 8", 10", 8", 10", 6"—finish jump)
 - Maximum height—10", Minimum height—6"
 - At least half of the jumps must be 8-10" in height
 - 6 faults allowed
 - One jump will include length (maximum of 10" length)
 - Minimum distance between jumps is 6 ft

- The rabbit must have 2 clear runs in order to advance to Medium class. A clear run is defined as a run in which the rabbit has 0 faults.
- Medium Class
 - 10 to 14 jumps to include the start and finish jump.
 - Maximum height—14”, Minimum height—10”
 - At least half of the jumps must be 12-14” in height
 - Two jumps will include length (maximum of 16” length)
 - Minimum distance between jumps is 6 ½ ft.
 - 6 faults allowed
 - A rabbit must have 2 clear runs in “Medium Class” in order to advance to Difficult class.
- Difficult Class
 - 10 to 14 jumps to include the start and finish jump.
 - Maximum height—16”, Minimum height—12”
 - At least half of the jumps must be 14-16” in height
 - Three jumps will include length (maximum of 22” length)
 - Minimum distance between jumps is 6 ½ ft.
 - 6 faults allowed
 - A rabbit must have 2 clear runs in “Difficult Class” in order to advance to the Elite class.
- Elite Class
 - 10 to 14 jumps to include the start and finish jump.
 - Maximum height—20”, Minimum height—14”
 - At least half of the jumps must be 18-20” in height
 - Four jumps will include length (maximum of 28” length)
 - Minimum distance between jumps is 7 ft.
 - 6 faults allowed

Scoring for Rabbit Hopping

Placings for the day shall be as follows: each rabbit will be placed in a class based on the number of faults received. If two rabbits have the same number of faults, the rabbit with the faster time is placed higher. The total time of all 3 runs is taken into account in the score. In the event of a tie, there shall be one run at a course. This run will determine the winner.

Faults will constitute any of the following:

1. Upsetting an obstacle, or any part of an obstacle. One fault shall be issued for the upset, regardless of how many rails were upset.
2. Lopsided jump: to clear an obstacle the rabbit must jump with its body between the obstacle supports. A lopsided jump fault will be called if the rabbit jumps outside of the obstacle supports.
3. Lifting over undisturbed obstacle. A rabbit may be lifted over or around an obstacle, but one fault per obstacle will be issued.
4. False starts: a false start is issued when the rabbit starts the course before the judge has indicated to the animal handler that they are ready to go. One fault will be issued, and repeated false starts will result in disqualification.
5. Out of bounds: if a rabbit goes more than 5 foot off the course it shall be considered an out of bounds fault. One fault shall be given for each out of

bounds instance in a course

6. Exceeding time: there shall be a recommended time limit for each course (usually 3 minutes). Exceeding this time limit shall result in a fault.

Other Rabbit Hopping Games

High Jump: The high jump is the only jump on the course. The lowest initial height for a high jump is 16". The start location for the handler and the rabbit is to be 9 foot from the jump, and the handler and rabbit must remain at this point until the judge indicates that they are ready.

Competitors may choose which direction they attempt the high jump. Leashes are not required.

SHEEP

General Requirements:

1. All sheep must be in possession of the 4-H member by May 1st of the year of exhibition.
2. Market animals must be identified and weighed at the county ID day that is usually held the first Saturday in May. Spring and Yearling ewes should be brought only if they do not have a flock tag. Yearling ewes must have a scrapie tag in accordance with Indiana State BOAH guidelines.
3. All animals must be identified on 4HOnline at in.4honline.com by the state designated deadlines each year.
4. Breeding ewes and market lambs may be placed on the same enrollment form.
5. Exhibitors must follow the allowed state enrollment guidelines for the number of market lambs, yearling ewe lambs eligible for show.
6. Ewes may be shown in market or breed classes, but 4-H members must make designation at ID day.
7. Blankets must be removed from all sheep at the time of arrival.
8. Sheep cannot be exhibited that are showing signs of being infected with ringworm.
9. To be eligible to exhibit all market & breeding lambs must be show ready at time of arrival. This means slick shorn at a uniform length (1/8 inch or less) with no wool between hock/knees and ears. **No mechanical clippers allowed in the barn DURING the market/breeding lamb show.**
10. Market lambs will be shown by weight class as determined at weigh-in.
 - Only market lambs not making the designated sale weight will be re-weighed. This re-weigh period will only be for ½ hour after the regular weigh-in time has expired.
 - All market lambs must be under one year of age on show day and still have their lamb teeth intact.
11. Ewe lambs are shown by weight.
12. Yearlings will be shown by age. Classes will be determined at check-in. Members are strongly encouraged to bring spring ewes shown the previous year; however it is not required.
13. Sheep Classes:
 - 1 to 3 market lambs as singles

- Any 2 of the singles as a market lamb pair.
 - 1 to 3 ewe lambs as singles
 - Any 2 of the singles as ewe lambs as a pair.
 - 1 to 3 yearling ewes which are born in the spring as singles
 - Any 2 of the yearling ewes as a pair.
14. Identification will be 5 digit ear tags for market lambs and flock tags for breeding ewes. Scrapies tags are not available from the county. You must get them from the owner who sold you the animal. Scrapies tags are for breeding animals. Market animals under 18 months do not require scrapies tags.
 15. State fair entries identified at county ID day. All State fair lambs will be retinal scanned at ID day unless otherwise approved by the Superintendents and the Extension Educator.
 16. All animals shown as pairs must be enrolled and exhibited in the same member's name.
 17. Any exhibitor demonstrating excessive abuse to their lambs—not limited to, but including, the areas of the show ring, barns, or fairgrounds—such as slapping lambs on the rump, burning, gouging, punching, or using an electric shocker or any treatment that would be considered cruel and inhumane treatment may be disqualified from showing and selling.
 18. Direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of a lamb is not allowed.
 19. Yearling ewes may be shown in the ring by two present 4-H exhibitors. If two exhibitors are used the 4-H exhibitor who owns the ewes being shown must hold the ewe's head. Pair may have three exhibitors.
 20. All Grand and Reserve Grand Champion market lambs must be displayed without blankets from 8:00 a.m.—9:00 p.m. daily once they have been selected and until they are released. All Champion Breeding Ewes must be displayed in the same manner.
 21. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

County Natural Bred and Born Class

To be eligible a lamb will need to have been Naturally Bred & Born in Starke County. Proof of eligibility will be required and submitted at ID day. Proof will include the breeder's name and contact information, date of sale, breeder's Premise ID Number and signature of seller. If lamb is a yearling the scrapie number will need to be provided as well.

One overall award will be given to the winner of the Market Lamb classes and one overall award will be given to the winner of the Breeding Lamb classes.

Exhibit Requirements:

Level 1 (Grades 3—5), Level 2 (Grades 6—8), Level 3 (Grades 9—12)

- All levels must follow the rules and regulations.
- All levels must submit completed manuals at the time designated.
- **Exhibit:** One or more animals fed, cared for, and owned by 4-H member exhibiting them.

STARTER CALVES

General Requirements:

1. All animals must be owned and in continuous care of the 4-H member enrolled in this project.
2. All animals must be castrated, dehorned, and healed by identification day to be shown at the county fair. All starter calves are usually tagged the first Saturday in May.
3. All animals must be identified on 4HOnline at in.4honline.com by the state designated deadlines each year.
4. All animals are subject to the health requirements that are stated in the 4-H Resource Handbook.
5. Animals may be beef steers or heifers or dairy steers. Beef calves will be shown during the Beef Show and Dairy calves during the Dairy Starter Calf Show.
6. All online identification on 4HOnline at in.4honline.com must be in order and all stated health requirements must be met to be eligible to show.
7. 4-H members may want to keep the calf and bring the animal back to exhibit next year. This is strongly encouraged.
8. Starter calves will be shown in classes according to weights. Classes will be established by the Livestock Committee and/or Project Superintendent.
9. 4-H members are required to submit the completed manual at the required times.
10. Junior, Senior, and Show of Showman Showmanship classes will be held in both Beef and Dairy Starter Calf sections.
11. All calves must be hand fed while at the fair by bucket or bottle. No nursing is allowed.
12. Dairy starter calves must be 100% dairy. If they are not 100% dairy, they will be shown as a beef starter calf.
13. There is a limit of 2 starter calves per 4-H member.
14. Starter calves must not weigh more than 600 pounds to be eligible to exhibit.
15. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Suggested Activities: (complete at least 2 per grade)

Grades 3—5

- Read at least 4 magazine articles or books that relate to your project.
- Learn the parts of your animal. Make a drawing and label the parts.
- Learn the breeds of your animal and their origin.
- Give a talk or demonstration about your project for your club or leader.
- Visit with a local veterinarian about health care for your animal.

Grades 6—8

- Read 6 magazine articles or books that relate to your project.
- Keep a 12 or 24 hour log of your calf's activities. Review log and give a brief report.
- Explore the Internet with your parent/guardian to find at least 2 items related to your project.
- Visit your local supermarket or locker plant and learn about the different products that come from your project. Make a list of the products and the prices.

- Learn the parts of your animal and identify them for your leader.

Grades 9—12

- Read 10 articles or book about your project. Do a synopsis or outline of at least two.
- Explore the Internet and find at least 5 items related to your project. Print and do an outline of it.
- Do a club talk or demonstration on your project.
- Prepare a report on disease prevention for your project and explain what you do.
- Keep a record of daily market prices for your animal for 1 month. Do a graph to show fluctuation and explain possible reasons for changes.

SWINE

General Requirements:

1. Swine animals must be in the ownership and care of the 4-H member by May 1st of the year they will be exhibited.
2. All animals must be accurately identified by ear notches. These ear notches must be accurately identified in 4HOnline at in.4honline.com. All animals must be identified on 4HOnline at in.4honline.com by the state designated deadlines each year, May 15th unless otherwise stated by the Extension Office.
3. All pigs must be farrowed on or after December 1st of the previous year.
4. All project manuals are to be turned in by the end of Monday evening of the Fair.
5. 4-H members may exhibit the following.
 - Total of three swine
 - No more than two market animals (any combination of barrows and market gilts)
 - No more than two breeding gilts
 - A litter of four consisting of any combination of barrows and gilts. It is suggested that members use their litter animals for their market and breeding entries.
 - If exhibiting a litter, a total of six animals may be exhibited with the above guidelines—total of three in the individual classes.
6. There will be market barrow classes, breeding gilt classes, market gilt classes, and a litter class.
7. **Weight classes for the Barrow and Market Gilt shows are as follows:** Lightweight – 200-235 lbs., Middleweight – 236-265 lbs., Heavyweight – 266 lbs. & above. The winners of each three, weight groups will exhibit in their respective Champion Drives.
8. Only market animals are to be sold through the auction. One or two animals may be sold. Animals must weigh at least 200 pounds to sell individually or as a pair through the auction. Animals weighing less than 200 pounds will be sent home. 4-H members need to declare which animals are to go through the auction at check-in.
9. 4-H members must comply with all state health requirements to be able to exhibit at the county fair.
10. All swine must have ½ inch of hair on the body. If any hair is under ½ inch, they will be disqualified and will not be able to unload or show. Hair length will be measure at animal check-in and the day of the show. A committee of three will make the final decisions as to hair length. Animal packers require at least ½ inch of hair on animals for processing.
11. Swine animals must be tagged by County ID day.

12. All livestock 4-H members exhibiting animals in the Beef, Goat, Poultry, Rabbit, Sheep, Starter Calf, or Swine projects will annually complete the Youth for Quality of Care of Animals (YQCA) training.

Exhibit Requirements:

Level 1 (Grades 3—5), Level 2 (Grades 6—8), Level 3 (Grades 9—12)

- All levels must follow the rules and regulations.
- All levels must submit completed manuals at the time designated.
- **Exhibit:** One or more animals fed, cared for, and owned by 4-H member exhibiting them.

Showmanship

1. There will be a winner in each division of the contest with appropriate awards when the number of participants warrants.

Grades refer to the grade at the time of enrollment.

Swine

- Novice Division—Grades 3 & 4 (must be 1st year in swine project)
- Junior Division—Grades 4 & 5
- Intermediate Division—Grades 6-8
- Senior Division—Grades 9-12

Goats

- Junior Division—Grades 3-5
- Intermediate Division—Grades 6-8
- Senior Division—Grades 9-12

All other species

- Junior Division—Grades 3-7
- Senior Division—Grades 8-12

Show of Showman

- a. Eligibility—the current or previous years Senior Division winners and the previous year's Show of Showman winners are eligible to participate.
 - b. Once a 4-H member has won Show of Showman Division, he/she must remain in the Show of Showman Division, and is ineligible to show in any other age division.
2. There will be the option of selecting final showmanship participants during the classes or allowing all participants for return for showmanship classes.
 3. Once a 4-H member has won the lower age level showmanship, he/she must advance to the higher age level showmanship (novice to junior to intermediate to senior to show of showman). They can choose to advance in the current year.
 4. To participate in showmanship a 4-H member must be enrolled in and exhibiting their own animal in that project. Any exceptions must be approved by the 4-H Council.

Round Robin

Guidelines for the contest:

1. Department advisors will choose the animals.
2. No contestant's animals will be used in the contest.
3. One judge will be used for the contest.
4. Show order may rotate as decided by the committee.
5. Any current or past Show of Showman winner in Swine, Sheep, Goat, Beef, or Starter Calves is eligible to participate as long as they are currently enrolled in 4-H. If a Show of Showman has won in more than one species, the reserve showman may also participate.
6. Contestants will draw for the animals they will show in each of the respective species just prior to the beginning of the class.
7. Honor group will consist of the winner (low score) and the next 5 lowest scores.
8. The judge will rank all contestants for each of the respective species.
9. Contestants must provide their own show equipment and supplies.

Livestock Auction

- A. All 4-H market animals are to be identified and weighed to determine show and auction weights as they are unloaded at the fair. Each species of swine, beef, sheep, and goats must have a notarized Animal Affidavit at check-in. You must have this to be eligible to sell your animal in the 4-H Livestock Auction.
1. Swine
 - a. Animals must weigh at least 200 pounds to sell as market animals.
 - b. Those animals weighing 199 and under may be reweighed once at the request of the 4-H member owning the animal on the day of entry. Time for final reweighing will be set by the superintendent.
 2. Beef
 - a. Steers must weigh 750 pounds to sell in the auction.
 - b. Those steers weighing less than 750 pounds may be sold by private treaty.
 3. Sheep
 - a. Market lambs must weigh 80 pounds to sell in the auction.
 - b. Market lambs weighing less than 80 pounds may be sold by private treaty.
 4. Goats
 - a. Wether goats will be sold by the pound during the auction.
 - b. All Dairy wether goats, boer wether and doe goats must weigh at least 45 pounds to sell at the auction.
 5. Rabbits
 - a. Any rabbit found to be entered with a false age will be considered an act of misrepresentation and the 4-H member will be required to return the money received for the animal to the buyer.
 - b. Check the Rabbit section for class weights. They must be at minimum weight to sell.
 6. Poultry
 - a. Any fowl found to be entered with a false age will be considered misrepresentation and the 4-H member will be required to return the money received for the fowl to the buyer.
 - b. Check the Poultry section for class weights. They must be at minimum weight to sell.
- B. Sale Order
1. The Livestock Committee will determine the sale order of species by June annually.
 2. Sale order within each species will be determined by the Livestock Committee.
 3. The only exception to the sale order is Grand, Reserve Grand, Breed Champions and any other designated by the Livestock Committee.
 4. A 4-H member who does not show up on time or does not show up at all to sell their animals will be assessed a \$10.00 penalty. The penalty will go to the Fair Board General Fund.
- C. Sale Management
1. A 4-H member may sell any combination of six animals from the following:
 - 2 steers
 - 2 swine (barrows and/or market gilts)

- 2 market lambs
 - 2 wether goats
 - 1 pen of broilers
 - 1 pen of roasters
 - 1 duck
 - 1 turkey
 - 1 goose
 - 1 meat pen of rabbits
 - 1 single fryer rabbit
2. Steers and dairy steers will be sold as individual animals.
 3. Market lambs, swine, and market goats will be sold as pairs.
 4. Pictures of all Champion animals and buyers will be taken at the time the animal is sold. 4-H members are strongly encouraged to be in the picture.
 5. 4-H members are responsible for their animals until they are loaded on the buyers truck.
 6. No animals may be loaded before the time designated by the livestock superintendent and/or Fair Board President. A proof of purchase must be presented before loading.
 7. Any loss of animals that test positive for drugs after the auction will be the responsibility of the owner, not the Fair Board or 4-H Council.

D. Clean Up

1. Cards identifying 4-H member and/or animal should remain posted and visible in the barn until all pens are cleaned and the barn superintendent has checked pens and give the okay to remove the cards.
2. 4-H members who have sold their animals in the auction should not start cleaning their pens/stalls until told to do so by the barn superintendent and/or Livestock Committee.
3. 4-H members must have their pen and area used for show equipment in the barns cleaned by noon the day after the auction or at another designated time set by the Livestock Committee in June annually. Failure to have pens and areas cleaned by the set time will result in a \$25.00 penalty that will go to the Fair Board general fund.
4. Auction checks will be mailed to 4-H members as soon as sale management allows, as long as all their completed record books are submitted to the Extension Office.

ANIMAL HEALTH REQUIREMENTS FOR EXHIBITION OF DOMESTIC ANIMALS IN INDIANA

This document describes the Indiana State Board of Animal Health's (BOAH) requirements for all animal exhibitions in the state. However, exhibition organizers may impose additional requirements as a condition of exhibition. **BOAH recommends contacting the exhibition organizer for specific information about requirements for each event.**

Please call the Indiana State Board of Animal at (317) 544-2400 with questions concerning exhibition requirements in Indiana.

GENERAL REQUIREMENTS FOR ALL SPECIES

A. Limitations on Exhibition

This section describes limitations on exhibiting animals in Indiana. Other exhibition limitations may be described in the species-specific requirements that follow.

1. Failure to meet all animal health requirements will result in removal of animals from the exhibition premises.
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 signs of any infectious or communicable disease or that are a health hazard to people 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 premises, including the surrounding exhibition grounds. An owner who is disputing the exclusion of his/her animal(s) from exhibition may not exhibit the animal in question pending any appeal.
4. The State Veterinarian is authorized to make the final determination as to an animal's eligibility for exhibition. The state veterinarian may order removal of any animal from the exhibition grounds.
5. Exhibition organizers may impose health requirements in addition to those prescribed by BOAH. Added requirements may not contradict requirements imposed by BOAH.
6. Exhibition organizers may have a licensed and accredited veterinarian review animals and animal health documentation during the exhibition.
- 7.

B. Certificates of Veterinary Inspection

1. **For animals that originate within Indiana**, a certificate of veterinary inspection (commonly known as a "health paper") is not required by BOAH for exhibition. Contact the exhibition organizer to determine if a certificate of veterinary inspection (CVI) is necessary to meet the organizers exhibition requirements.
2. **For animals that originate outside of Indiana**, the exhibitor must have a properly completed CVI for all animals prior to entry. This requirement applies to all domestic animals (except fish and poultry).
 - a. CVIs must be completed by a licensed and accredited veterinarian who has personally inspected the animals.

- b. A CVI for any animal is valid for 30 days from the date it is issued by a licensed and accredited veterinarian. *NOTE: Animal(s) must be inspected by a licensed and accredited veterinarian no more than ten days prior to the date in which the CVI is issued.*
- c. CVIs must clearly include a description of each animal including the age, sex, and breed of the animal, and the official individual identification.
- d. CVIs must accompany the animal while on the exhibition premises.

C. Pre-Entry Movement Permit

1. **For swine and cattle that originate outside of Indiana**, a pre-entry movement permit number must be noted on the certificate of veterinary inspection. Permits should be obtained online at: <http://www.in.gov/boah/2661.htm>
 - a. The 2020 Indiana State Fair pre-entry movement permit number is “**INSF20**” and must be noted on the certificate of veterinary inspection.
 - b. The 2020 National Swine Registry Open and Junior Exposition pre-entry movement permit number is “**EXP20**” and must be noted on the certificate of veterinary inspection.
2. **For farmed cervids that originate outside of Indiana**, a BOAH approved pre-entry movement permit number must be noted on the certificate of veterinary inspection. Permit applications are available online at: <http://www.in.gov/boah/2730.htm>
 - a. The pre-entry movement permit application must be received by BOAH at least 5 business days before moving into Indiana.
 - b. The Indiana State Board of Animal Health must authorize any proposed movements **prior** to entry into the State.

D. Indiana State Fairgrounds

1. The Federal Premises Identification Number for the Indiana State Fairgrounds that should be recorded on all associated CVIs is: **00C6T69**
2. The physical address for the Indiana State Fairgrounds that should be recorded on all associated CVIs is: **1202 E 38th St, Indianapolis, IN 46205**

E. Identification

All exhibition animals must be permanently and individually identified unless otherwise noted. Official ear tags are tags approved by the USDA that bear the US shield. All official identification and any additional identification devices should be recorded on the certificate of veterinary inspection.

F. Testing

1. All tests required for exhibition must be conducted at the Animal Disease Diagnostic Laboratory (ADDL) at Purdue University, a laboratory approved by the Indiana State Board of Animal Health, or a state or federal-approved laboratory.

All animals, including Indiana animals, that are to be offered for sale to out of state buyers should have the necessary testing completed prior to the sale date. The destination state should be contacted to ensure all pre-entry movement requirements are met prior to the planned movement. <https://www.in.gov/boah/2336.htm>

SPECIES SPECIFIC REQUIREMENTS

A. Cattle

For more information on cattle health requirements, call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2394.htm.

1. **SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification (**ONE** of the following)
 - a. 840 tags
 - May or may not be an RFID (radio frequency device)
 - 15 digits, beginning with "840," with US shield
 - b. NUES (brite) tags
 - National Uniform Ear Tagging System
 - Steel or plastic acceptable, with US shield
 - c. Official USDA Program tags
 - Orange calfhood vaccination tags, with US shield
3. Testing
 - a. **Cattle that originate within Indiana** do not need a brucellosis test or a tuberculosis test for exhibition in Indiana.
 - b. **Cattle that originate outside of Indiana** do not need a brucellosis test or a tuberculosis test for exhibition in Indiana as long as the state of origin is classified as brucellosis free **AND** tuberculosis free by the USDA.
 - Cattle from states that are NOT designated as free by the USDA must meet additional requirements for entry into Indiana. Contact the Indiana State Board of Animal Health for specific information.

B. Swine

For more information on swine health requirements, call the Indiana State Board of Animal Health at (317) 554-2400 or visit BOAH's website at: www.in.gov/boah/2382.htm.

1. **SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification (**ONE** of the following)
 - a. 840 tags
 - May or may not be an RFID (radio frequency device)
 - 15 digits, beginning with "840," with US shield
 - b. NUES (brite) tags
 - National Uniform Ear Tagging System
 - Steel or plastic acceptable, with US shield
 - c. Official Premises ID Number ("PIN") tag
 - Official PIN tags **MUST** include a premises number and unique animal ID imprinted by the manufacturer. (Standard PIN tags usually do not include an individual ID number; therefore, owners need to specify when ordering.)
 - d. Ear notch
 - Ear notch must be recorded in the book of record of a purebred registry association.
 - e. Tattoo
 - Tattoo must be registered with a swine registry association.

3. Testing
 - a. **Swine that originate within Indiana** do not need a brucellosis test or a pseudorabies test for exhibition in Indiana.
 - b. **Swine that originate outside of Indiana** do not need a brucellosis test or pseudorabies test as long as the state of origin is classified as brucellosis AND pseudorabies free by the USDA.

C. Sheep and Goats

For more information on sheep and goat health requirements, call the Indiana State Board of Animal Health (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2421.htm.

1. **SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
 2. Identification (**ONE** of the following)
 - a. Official Scrapie identification tag, with US shield
 - b. Official Scrapie tattoo
 - Must begin with the state postal code along with a unique individual animal ID number
 - c. Registration tattoo
 - Tattoo must be noted on the registration paper and accompany the animal
 - d. Registration microchip
 - Electronic implant must be noted on the registration paper and accompany the animal
- NOTE: Wethers younger than 18 months of age must bear a unique and permanent form of identification*
3. Testing - No testing is required on any sheep or goat for exhibition in Indiana.

D. Horses

For more information on horse health requirements, call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2383.htm.

NOTE: Indiana State 4-H may impose vaccination requirements for horse show participants beyond the minimum requirements of the Indiana State Board of Animal Health. Contact your local 4-H Purdue Extension educator for these additional requirements.

1. **SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification (**ONE** of the following)
 - a. Physical description of the animal including: name, age, breed, color, gender, distinctive markings, cowlicks, scars, blemishes, biometric measures, brands, tattoos, etc.
 - b. Digital photographs sufficient to identify the individual animal
 - c. USDA-approved electronic implant (microchip)
3. Testing
 - a. **Horses that originate within Indiana** do not need an equine infectious anemia (EIA, Coggins) test for exhibition in Indiana.
 - b. **Horses that originate outside of Indiana** must meet the following requirements prior to entering Indiana:

- Each horse must test negative for EIA within 12 months of the date of exhibition. Each horse must be accompanied by an official certificate of veterinary inspection that indicates the date and results of the EIA test.

NOTE: Suckling foals that are accompanied by their dam, when the dam has tested negative for EIA within the last twelve months, are exempt from the EIA testing requirement.

E. Llamas/Alpacas (Camelids)

For more information on llama/alpaca health requirements call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2704.htm.

- 1. SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification (**ONE** of the following)
 - a. Physical description of the animal including: name, age, breed, color, gender, distinctive markings, cowlicks, scars, blemishes, biometric measures, etc.
 - b. Digital photographs sufficient to identify the individual animal
 - c. Official ear tag
 - d. Tattoo
 - e. USDA-approved electronic implant (microchip)
3. Testing - No testing is required on any llamas or alpacas (camelid) for exhibition in Indiana.

F. Poultry

For more information on poultry health requirements, call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2386.htm.

Indiana defines poultry as: chickens, turkeys, ostriches, emus, rheas, cassowaries, waterfowl (domesticated fowl that normally swim, such as ducks, geese and swans), and game birds (domesticated fowl such as pheasants, pea fowl, partridge, quail, grouse, and guineas) but **NOT** doves and pigeons.

- 1. SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification - No individual identification is required on any poultry for exhibition in Indiana.
3. Testing

All poultry presented for exhibition, except waterfowl, must meet **ONE** of the following requirements:

 - a. Test negative for pullorum-typhoid within 90 days prior to the date of the exhibition.
 - b. Hatched from eggs that originate from a certified NPIP pullorum-typhoid clean parent flock.
 - c. Originate from a flock that is certified NPIP pullorum-typhoid clean.

G. Farmed Cervids

For more information on farmed cervid health requirements call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2730.htm.

- 1. SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
- 2. Identification - Farmed cervids must be identified with an official ear tag**

containing

1. the US shield **AND** one of the following:
 - a. Tattoo
 - b. Electronic identification implant (microchip)
 - c. Farm/Management ear tag
2. Testing
 - d. **Farmed cervids that originate within Indiana**, 12 months of age and older that are to be exhibited in Indiana must meet **ONE** of the following **tuberculosis** testing requirements:
 - Test negative for tuberculosis within 90 days prior to the date of the exhibition.
 - Originate from a herd that is accredited under a state tuberculosis accreditation program. 345 IAC 2.5-5-4.
 - From a herd that meets other herd testing standard described in 345 IAC 2.5-5-3(1).
 - e. **Farmed cervids that originate within Indiana**, that are from a species known to be susceptible to chronic wasting disease (CWD), that are to be exhibited in Indiana must originate from a Certified CWD program herd defined under Indiana requirements 345 IAC 2-7-4.
 - f. **Farmed cervids that originate outside of Indiana** must be from a CWD non-susceptible species (i.e. fallow deer) **AND** meet one of the following requirements as outlined in 345 IAC 1-3-29:
 - Originate from a tuberculosis free accredited herd.
 - Have two tuberculosis tests, 90 days apart, with the last test within 90 days of entry to Indiana.

H. Dogs

For more information on dog health requirements, call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2384.htm.

NOTE: Indiana State 4-H may impose vaccination requirements for dog show participants beyond the minimum requirements of the Indiana State Board of Animal Health. Contact your local 4-H Purdue Extension educator for these additional requirements.

1. **SEE GENERAL REQUIREMENTS FOR ALL SPECIES**
2. Identification - Physical description sufficient to identify the individual animal.
3. Vaccination
 - a. All dogs 3 months of age and older must be vaccinated for rabies by a licensed and accredited veterinarian in accordance with the state rabies vaccination law.
 - b. A certificate of vaccination or other statement, signed by a licensed and accredited veterinarian, that indicates the vaccinations each animal has been given must accompany the animal to the exhibition.
 - c. A certificate of veterinary inspection may be used to document vaccinations.

I. Cats

For more information on cat health requirements, call the Indiana State Board of Animal Health at (317) 544-2400 or visit BOAH's website at: www.in.gov/boah/2384.htm.

NOTE: Indiana State 4-H may impose vaccination requirements for cat show participants beyond the minimum requirements of the Indiana State Board of Animal Health. Contact your local 4-H Purdue Extension educator for these additional requirements.

4. SEE GENERAL REQUIREMENTS FOR ALL SPECIES

5. Identification - Physical description sufficient to identify the individual animal.
6. Vaccination
 - a. All cats 3 months of age and older must be vaccinated for rabies by a licensed and accredited veterinarian in accordance with the state rabies vaccination law.
 - b. A certificate of vaccination or other statement, signed by a licensed and accredited veterinarian, that indicates the vaccinations each animal has been given must accompany the animal to the exhibition.
 - c. A certificate of veterinary inspection may be used to document vaccinations.

Starke County 4-H Leaders

Club Leaders		
4-Ever in Blue Jeans		
Deanna Shively	574-586-3049	d4shively@embarqmail.com
Delaney Clark		
Blue Jay Pilots		
Sharon Richie	574-896-3499	sharichie52@yahoo.com
Amie Minix	219-252-9253	cgsmom1975@hotmail.com
Clever Country Clovers		
Beverly Zaiko		
Jennifer Zaiko		
Bill Fields		
Cloverleaf		
Ashley Sitek		
Jay Mints		
Rachelle Back	574-806-4575	rback@isdh.in.gov
Sarah Chaffins	574-806-1821	chaffins.sarah@gmail.com
Kathy Medesi		
Mandy Peters		
Erin Tunis	574-249-1357	etunis@americanoak.net
Lucky Clovers		
Beverly Albright	574-806-4902	brightbev@yahoo.com
Julie Albright	574-806-4467	
Shirley Fosler	574-772-4152	jsfosler1@yahoo.com
Dolores Surfus	574-249-9411	surfdk81@gmail.com
Lucky Trails		
Casey Korniak	574-249-9810	ckorniak@yahoo.com
North Bend Junior Eagles		
Mary Ann Edgell	574-806-4011	
Jubilee Edgell		
Oregon Twp. Trailblazers		
Maryann Awald	574-910-1950	maryannawald@yahoo.com
Mason Awald	574-279-1221	mawald@purdue.edu
Jana Hazelton	574-806-4998	jhazelton@knox.k12.in.us
Shamrocks		
Angie & Wes Radtke		theradtke6@yahoo.com
Arielle Jacobsma	574-360-2554	aarielleanderson@gmail.com
Starke County Barn Busters		
Kim Temple	219-863-7593	ktemple17@icloud.com
Dawn Wallen	574-772-3581	dwalledman@yahoo.com
Starke County Rebels		
Marlene Minker		
Whiz Blue Ribbon		
Melissa Moore		
Yellow River		
Helen Short	219-205-0075	helenshort_44@yahoo.com
Carol Meister		

Project Leaders		
Beef		
Jay Temple	219-863-4729	
Andy Tillerass	219-309-6467	countylinewelding@yahoo.com
Cake Decorating – Connie		
Dog		
Kim Bachert	574-806-6336	kbachert83@gmail.com
Kimberly Kuiper	219-296-8200	kkacafirek@yahoo.com
Tammy Whitcraft	574-249-0057	jwhitcraft63@gmail.com
Ashley Whitcraft		awhitcraft09@gmail.com
Elizabeth Dolezal	574-595-5045	qt_pie2005@hotmail.com
Nicole Podell		
Farm Toy		
Dolores Surfus	574-249-9411	surfdk81@gmail.com
Goats		
Seth Johnson	574-540-9838	seth_johnson@live.com
Michael Keiper	574-904-9278	bigmikekipe@gmail.com
Horse & Pony		
Don Niles		
Junior Leaders		
Julia Miller	574-772-9141	jwickert@purdue.edu
Maryann Awald	574-910-1950	maryannawald@yahoo.com
Amie Minix	219-252-9253	cgsmom1975@hotmail.com
Dustin Roach		
Martin Surma		
Tractor		
Randy Johnson Lawn & Garden		
Gene Clingenpeel Lawn/Garden	219-921-5981	eclingenpeel@embarqmail.com
Nathan Jernas Ag		
Pocket Palls & Cats		
Jacki & Jennifer Zaiko		
Poultry		
Bill Fields		
Bev Zaiko		
Tracy Wylie		
Rabbits		
Jennifer Bryne-Stasiek		
Sheep		
Wes Radtke	574-806-2389	theradtke6@yahoo.com
Shooting Sports		
Sarah Gillard, James Gillard	574-249-8165	emmasmom77@hotmail.com
Swine		
Brandon Barbknecht	574-933-1419	barbknechtdeere2@gmail.com
Robert Huff	765-724-8183	rkhuff23@yahoo.com