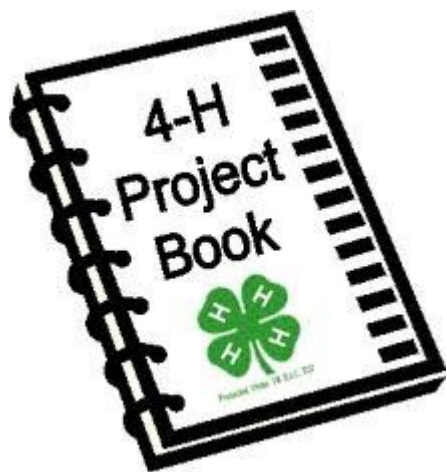


Crawford County 4-H Handbook



Crawford County 4-H 2020

Please visit

www.extension.purdue.edu/crawford
for the most up-to-date rules and
guidelines. Newest guidelines will
be used during fair and all other
applicable events.



THE COOPERATIVE EXTENSION SYSTEM

Smith-Lever Act

Established in 1914, Cooperative Extension was designed as a partnership to the U.S. Department of Agriculture and the land-grant Universities, which were authorized by the Federal Morrill Acts of 1862 and 1890. Legislation in the various States has enabled local government or organized groups in the Nation's counties to become a third legal partner in this educational endeavor. The congressional charge to Cooperative Extension through the Smith-Lever Act of 1914 is far ranging. Today, this educational system includes professionals in each of America's 1862 land-grant Universities.

Indiana's Land Grant College is Purdue University. The Crawford County Extension Service, which houses 4-H and other programs, is an extension of Purdue University which also has an extension office in every county in Indiana. This is the reason that most publications and directive come from Purdue University State 4-H department, which makes these publications researched based.



It is the policy of the Purdue University Cooperative Extension Service that all persons shall 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, marital status, parental status, sexual orientation, disability, or status as a veteran. Purdue University is an Affirmative Action institution. This material may be available in alternative formats.

Office: 2803 S. SR 66 Marengo, IN 47140
 Web: www.extension.purdue.edu/crawford
 Facebook: Purdue Extension Crawford County
 Phone: 812-338-5466
 Office Hours: M, T, TR, F 8:30 a.m.- 4:30 p.m.
 Wednesday 8:30 a.m. - 12:30 p.m.
 Closed all County Holidays

PURDUE EXTENSION
CRAWFORD COUNTY STAFF

4-H Youth Development - Molley Scott & Gail Peitzmeier
Agriculture & Natural Resources - Molley Scott
County Extension Director - Gail Peitzmeier
Health & Human Sciences - Gail Peitzmeier
Office Manager – Annette Knight

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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-based program empowering young people to reach their full potential.



4-H Pledge, Colors, Motto, Emblem & Song	03
Extension Board	04
4-H Clubs	04
Behavioral Criteria	05
Overnight Stay at Fairgrounds	05
Accident & Medical Insurance	05
Grievance Policy	05
Liability	06
Safety Policy for Youth Development	06
General Project Requirements	07
MINI 4-H	
Mini 4-H General Information	08
Mini 4-H Safety Policy	08
Mini 4-H Poster Requirements	09
Mini 4-H Project Requirements	07
4-H PROJECT & REQUIREMENTS	
Aerospace	13
Aquatic Science	13
Arts & Crafts	14
Beef Educational Poster	25
Beekeeping	26
Bicycle	26
Cake Decorating	27
Cat Educational Poster	28
Cat Show	28
Child Development	28
Collections	29
Computers	29
Consumer Clothing	29
Corn	30
Dairy Educational Poster	30
Dog Educational Poster	30
Dog Show	31
Electric	31
Entomology	32
Farm Scene Display	33
Fashion Revue	34
Floriculture	34
Foods	36
Forestry	38
Garden	40
Garden Educational	40
Genealogy	40
Geology	42
Goat Educational Poster	43
Hay / Forages	43
Health	43
Home Environment	44
Horse Educational Poster	46
Junior Leaders	47
Junk Drawer Robotics	47
Microwave Cooking	47
Personality	48
Pets	48
Photography	48
Potato Tray	50
Poultry Educational Poster	50

Rabbit Educational Poster	50
Reclaimed Treasures	50
Scarecrow Building	50
Scrapbook: 4-H Memories	51
Scrapbook: General	51
Sewing: Wearable & Non-Wearable	52
Sheep Educational Poster	55
Shooting Sports	55
Small Engines	55
Small Grain	56
Soil and Water Science	57
Sport fishing	57
Sports	58
Swine Educational Poster	58
This is 4-H	59
Tractor	59
Verbal Communications	59
Veterinary Science	61
Weather and Climate Science	62
Weeds	62
Welding	63
Wildlife	63
Wood Science	63
LIVESTOCK	
Livestock & Exhibitor General Rules	64
Beef	70
Dairy	72
Goats	73
Poultry	76
Rabbits	76
Horse & Pony	77
Sheep	79
Swine	80

PURDUE
EXTENSION



4-H PLEDGE

I pledge my **HEAD** to clearer thinking,
my **HEART** to greater loyalty,
my **HANDS** to larger service,
and my **HEALTH** to better living,
for my club, my community,
my country, and my world.



4-H COLORS

Green & White

4-H CLUB MOTTO

To Make The Best Better

4-H EMBLEM

The four-leaf clover with an "H" on each leaf to represent head, heart, hands and health

4-H TRAIL SONG

Over hill, over dale,
we will find the 4-H trail,
As we club folks keep swinging along.
Let it rain, let it shine,
we will keep a steady line,
As we club folks keep swinging along.
With a hi, hi hee, it's the 4-H trail for me,
Shout out your numbers loud
and strong - 4-H.
Wherever you go, you will always know
That we club folks keep swinging along,
Keep swinging, as we club folks keep
swinging along.



PURDUE | 4-H YOUTH
EXTENSION | DEVELOPMENT

EXTENSION BOARD MEMBERS

President: Jon Mitchell
Vice President: Gaylan Walker
Secretary: Katy Morris

Carl Draper
Cliff Kerce
Rebecca Ferrell
Dean Johnson
BillyJoe Walker
Kim Howerton
Sam Taylor
Megan Timberlake
Jon Mitchell
Jim Kaiser, emeritus member

New members joining April 2020

**PURPOSE OF THE
EXTENSION BOARD**

An Extension board's primary function is to assure that the mission of Extension is met in the local community. Hence, Extension boards review local needs, evaluate program achievements, participate in the employment process of salaried staff, and seek necessary funds from county councils.

Because taxpayer appropriations and private contributions support Purdue Extension, local people have the right to participate in and benefit from the Extension Service. County Extension boards and their related advisory groups help assure the usefulness of their county's Extension program and that there is local input and local access to it.

**CRAWFORD COUNTY
4-H CLUBS**

- Arts Club
- Robotics Tech Wizards
- Junior Leaders
- Livestock Club
- Shooting Sports
- Young American Horseman
- Hemlock 4-Her's
- West End Warriors
- Wyandotte Whiz Kids



For information on joining a club or if you are interested in starting a new 4-H club in your area, please contact Purdue Extension Crawford County

BEHAVIORAL CRITERIA FOR 4-H EVENTS AND ACTIVITIES

4-H members, volunteers, parents and the public:

When attending, participating or acting on behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect rights of others, and to refrain from any conduct which may be injurious to the 4-H program.

The following actions constitute misconduct for which persons may be subject to disciplinary penalties and/or dismissal from the program:

- Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.
- Alteration or unauthorized use of 4-H records.
- Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct.
- Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest or activity.
- Failure to comply with directions of 4-H officials acting in the proper performance of their duties. There are many opportunities for 4-H members, volunteers, parents and the public to participate in 4-H events and activities. When involved in such experiences, members, volunteers, parents and the public are expected to follow all rules and regulations as outlined by those responsible for the specific program or activity.

In all such 4-H activities, the following constitute a violation of behavioral expectations:

- Possession or use of fire crackers, gun powder, firearms, chemicals or other materials that can be used to create an explosive mixture.
- Misuse of fire equipment or sounding a false fire alarm.
- Having a guest of the opposite sex in your sleeping quarters.
- Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person.
- Theft of or malicious damage to property.
- Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, or other dangerous substances.
- Lewd, indecent, or obscene conduct.
- Unauthorized entry, use or occupancy of any facility.
- Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.

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

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

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.

ACCIDENT/MEDICAL INSURANCE

- Purdue University does not provide accident insurance coverage for any local, county, area, or district 4-H club activities.
- As a part of the registration process, accident insurance coverage is provided for participants attending statewide or national 4-H events coordinated by staff in the State 4-H Youth Department. The coverage is in effect for the event and the time for direct travel between home and the event site.
- Note: The Indiana State Fair Board does not provide accident insurance coverage for participants.
- For more information, contact a company representative; or Risk Management Office at Purdue University; or the State 4-H Faculty.

GRIEVANCE GUIDELINES FOR COUNTY 4-H PROGRAM ISSUES

The grievance procedures outlined in this document are utilized as part of an internal process of the Indiana 4-H Youth Development program for use when grievances of 4-H members, their parents/guardians, or 4-H volunteers cannot be resolved via reasonable conversation. This policy affords the opportunity in those unique situations to allow voice

or opinion to be heard when there is a dispute regarding 4-H participation, activities or programs. This is not a mechanism for complaints against individual 4-H members (or their families), 4-H volunteers, judging officials for competitive events, or Purdue Extension staff. All resulting decisions will be made in accordance with the Indiana 4-H Program's stated mission to be an inclusive organization designed to encourage and maximize youth participation. The rights of the individual filing the grievance are limited to those provided by Indiana 4-H Program policy.

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

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

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff or volunteers are not issues for which a grievance may be filed. 4-H volunteers are assigned by the 4-H Extension Educator. Concerns regarding 4-H volunteers or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)
2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.
3. The grievance process occurs in the county where the issue or concern arises and offers three opportunities for a concern to be heard and reviewed.

- A. The grievance is initially heard by an unbiased, representative grievance sub-committee. It is the

Purdue Extension Educator assigned to 4-H Programming who shall annually work with the chair of the county 4-H Council to determine this committee's membership to include the following individuals: one representative of the 4-H Council; two 4-H volunteers serving as a 4-H club organizational leader; one member of the County Extension Board; and one 4-H volunteer knowledgeable in the subject matter (project) of concern (this individual will vary dependent on issue raised with the grievance). The Purdue Extension Educator assigned to 4-H shall convene the group.

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

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

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

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

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

SAFETY POLICY FOR PURDUE UNIVERSITY 4-H YOUTH DEVELOPMENT

Policy Statement

Purdue University 4-H Youth Development seeks to further its educational mission for the

Youth of Indiana by encouraging youth to participate in non-formal educational opportunities that are appropriate and safe for and promote the mental, physical, and social developmental skills of the individual youth. No youth will be allowed to participate in any 4-H activity where it is determined by the on-site educator or that educator's designated on-site adult volunteer that such participation could compromise the safety of that participant, other participants, observers, and/or animals.

Background Statement

The decision to determine project enrollments by grade level was made to allow peer groups (classmates) to participate in 4-H activities on the same level. That change does not alter the necessity for age and developmental requirements in order to provide the safest environment possible for conduct of the various 4-H activities. Each activity may require a different level of physical and/or social maturity. While a child may have the intellectual ability to understand the activity, that child's physical and social development may make his/her participation unsafe and/or inappropriate.

Guidelines to implement the Safety Policy

Each county may determine its own programs, classes, and participation requirements subject to the safety guidelines contained herein. No child shall participate in 4-H activities which require that child to perform in a manner that is too advanced for that child's development. Determination as to participation shall be made by the educator on-site or by that educator's designated on-site adult volunteer to whom such authority has been delegated. If the guidelines as 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 4-H educators or covered by Purdue University.



GENERAL PROJECT REQUIREMENTS

LATE ENTRY POLICY (NON LIVESTOCK PROJECTS)

- If projects are entered after the designated time period, a youth will still be eligible for a participation ribbon.
- No Champion ribbons will be given.

PROJECT LEVELS & DIVISIONS

**Projects by Level -*

Projects listed by level are organized by grade. Member must enroll in the level according to grade in school as of January 1 of the current 4-H exhibit year, regardless of age.

**Projects by Division -*

Projects listed by division must be completed in order, no matter the grade you start the project. Do not repeat exhibits from previous years. *See below for Arts & Craft divisions.

**Arts & Crafts projects -*

Members may enroll in any Arts & Craft project division but may not go down division levels after completion.

PROJECT RECORD SHEETS & MANUALS

- All projects must have one general record sheet **OR** project specific record sheet.
- The project record sheet **MUST** be complete and turned in at check in with projects.
- Projects without completed record sheet and or manual will be dropped one ribbon placing.
- 1/3 of activities in project manuals **MUST** be completed.

GENERAL PROJECT RIBBONS

- Champion ribbons will be presented in all divisions provided that projects are of blue ribbon quality
- Grand Champion and Reserve Grand Champion ribbons will be presented in each project provided that a Champion has been awarded
- All ribbons on exhibit in the Exhibit hall must be left on the projects until projects are released.

FOOD SAFETY RULE

**For baked product competition*

- Filling, frosting, glazing, pie filling, and meringue whether uncooked or cooked **are not permitted** to contain cream cheese, whipped cream, un-pasteurized milk or eggs/egg whites (pasteurized eggs or eggs cooked to 160°F may be used).
- **Home-canned** fruits, vegetables, or meats are **not** permitted in products. Recipes **must be provided** that show which ingredients were used in each part of the product.

MINI 4-H

GENERAL INFORMATION

- Contestants should carefully wash their hands and make sure that their hands **do not have** any open cuts before preparing foods.
- Contestants should not prepare ready-to-eat foods to be entered into competition if they are ill with vomiting, diarrhea, fever, sore throat or jaundice. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).

POSTER CONSTRUCTION

Please read and carefully follow the poster hints and requirements.

- Poster Board - any color is acceptable
- All posters must be displayed **HORIZONTALLY**
- If displayed vertically the project will be dropped one ribbon
- Overall size of poster must be 22" x 28" this is including any frame displayed horizontally.
- All posters must have a stiff backing, (foam-core board, plywood or heavy cardboard)
- Poster without stiff backing will be dropped one ribbon placing.
- NOTE: Cardboard backing and plastic sleeves are available for purchase from the Extension Office.
- All posters must be covered with a clear plastic or other transparent material to protect the exhibit.

Mounting Adhesives:

- The best is rubber cement; leaves no marks and won't wrinkle paper (may discolor pictures)
- Double stick tape is best for leaves
- **All posters, notebooks & display boards must include a reference card on where the information was obtained, giving credit to original author to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. It is recommended that this reference list be attached to the back of a post or display board or be the last page in a notebook or included as part of the display that is visible to the public. A judge is not to discredit for the manner in which references are listed or a lack thereof.**

ELGIBILITY STATEMENT

Mini 4-H members are those enrolled in Kindergarten, grade 1, or grade 2 as of January 1 of the current 4-H exhibit year, regardless of age.

MINI 4-H NON-COMPETITIVE POLICY

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

The **NON-COMPETITIVE** learning environment for Mini 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 adult 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.

NOTE: Mini 4-h projects are NOT judged. All minis will receive a mini 4-H ribbon for each project exhibited. Parents are encouraged to review their child's project with them.

SAFETY POLICY FOR MINI 4-H MEMBERS

The safety and wellbeing 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 begin showing, working with, or caring for animals.

The State 4-H Youth Department at Purdue University has agreed to allow Mini 4-H members in grades K-2, to participate in some animal projects subject to certain conditions. These conditions are specified below:

- Mini 4-H members, in grades K through 2, will be allowed to show one (1) animal per species.

Mini Project Requirements

Grades K-2

- Mini 4-H members may independently show, work with, or care for animals that weigh 300 pounds or less.
- Mini 4-H members may only show, work with, or care for animals over 300 pounds when they are assisted by a parent, legal guardian, or another adult designated in writing by parent or legal guardian. (The word assisted means that the adult has control of the animal at all times.)
- Mini 4-H members exhibiting horses must wear ASTM or SEI standard F1163 (or above) certified helmets whenever mounted. The 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.

****Please Note: No personal vehicles, such as ATV's, golf carts, or UTV's will be allowed on the 4-H fairgrounds during 4-H Fair week. No dogs in barns at any time.**

MINI POSTER REQUIREMENTS

*Poster Board -

- Any color is acceptable.
- All posters must be displayed **HORIZONTALLY**
- Overall size of poster must be 22" x 14" this is including any frame displayed horizontally.
- All posters must have a stiff backing, (foam-core board, plywood or heavy cardboard).
- NOTE: Cardboard backing and plastic sleeves are available for purchase from the Extension Office.
- All posters must be covered with a clear plastic or other transparent material to protect the exhibit.

Mounting Adhesives:

- The best is rubber cement; leaves no marks and won't wrinkle paper (may discolor pictures)
- Double stick tape is best for leaves



Crawford County 4-H Youth Development



Mini Animals Around Us

Exhibit one of the following:

- A poster related to manual
- A puppet related to manual

Mini Arts & Crafts

Exhibit:

- Mini's may exhibit ONE arts & craft project from the manual.

Mini Beef

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- All mini 4-H members must be accompanied by an adult or older sibling in the show ring.
- Complete 1/3 of the Mini Livestock manual

Mini Bicycle

Exhibit:

- Make a poster based on one of the activities in your manual.

Mini Bugs

Year 1 - Exhibit one of the following:

- Make a poster of an insect or spider and label their body parts.
- Draw a picture of a butterfly.
- Make a poster on some ways bugs protect themselves.
- Make a poster showing several kinds of bugs on half and several kinds of spiders on the other half.
- Make several types of bugs to construct your creepy mobile.
- Make a realistic diorama for your favorite insect.

Year 2 & 3 - Exhibit one of the following:

- Make your own bug using materials around your house.
- Make a poster of the life cycle of a bug.
- Make a poster with half showing bugs that live in groups and half showing bugs that live alone.
- Make a mural showing a variety of bugs and where they live.

Mini Cake Decorating

Exhibit:

- Three cupcakes that you have decorated

Mini Cat

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Cat Care manual

Mini Cat Care Poster

Exhibit one of the following:

- A cat care poster
- Cat puppet
- Homemade cat toy

Mini Collections

Exhibit one of the following:

- Collect and exhibit five items or a pair of items the first year. Add five more articles to your collection the second year.
- Go to a museum and look around at the collection of things. Write a short report on your visit.
- Talk to family and friends. Ask them what they like to collect and why they like to collect it. Then make a chart to show your information.
- Make a scrapbook of your collection and you making your collection.

Mini Dairy Calf

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- All mini 4-H members must be accompanied by an adult or older sibling in the show ring.
- Complete 1/3 of the Mini Livestock manual

Mini Dinosaurs

Exhibit one of the following:

- Make a fossil cast
- Find four pictures of dinosaurs and answer the following questions for each picture:
 - a. Name of Dinosaur
 - b. Weight of Dinosaur
 - c. Size of Dinosaur
 - d. Type of Dinosaur
 - e. Put the pictures and information in a self-made notebook
- Make a poster that shows how big dinosaurs were.
- Make a model of your favorite dinosaur.
- Make a dino-time Dinorama.
- Collect five types of plants that dinosaurs would be able to eat if they lived today.
- Make a model of your favorite dinosaur. Put it on a flat surface and add other items to make it look like it is standing in a swamp.

Mini Dog

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Dog Care manual

Mini Dog Care Poster

Exhibit one of the following:

- A dog care poster
- Dog puppet
- 4 homemade dog biscuits.

Mini Farm Animals

Exhibit one of the following:

- Write a story about your favorite farm animal.
- Make a poster showing the different things that farm animals make for us.
- Make a poster showing the different kinds of farm animals.
- Write a story about a farmer.
- Write or rewrite your favorite fairytale using farm animals.
- Make a model of your favorite farm animal.

Mini Farm Scene Display

Exhibit:

- A farm scene display no bigger than 11" x 14"

Mini Foods

Exhibit one of the following:

- Popcorn snack displayed in a small plastic sandwich bag. Start with popped corn and add other ingredients to make it your own.
- Three cookies or a sample of your food item displayed on a small paper plate. Cover the plate with clear plastic wrap.
- Display a poster you made that show at least three kitchen safety rules.
- Display a poster you made that shows the food pyramid.

Mini Forestry

Exhibit one of the following:

- Visit a lumberyard and draw a picture of what you have found.
- Make a poster of a tree you planted.
- Make a collage of things collected on a walk in the woods.
- Go on an alphabet scavenger hunt.
- Make a poster or book showing things people can do to help trees or things people use that come from trees.
- Write a story or poem about your favorite tree.

Mini Garden

Exhibit one of the following:

- One plant in a pot (no larger than 10 inches in diameter). A chia pet you have grown can be substituted for the potted plant.
- A plant with a maximum of three vegetables.
- A scrapbook of pictures of different types of vegetables. Label each vegetable with its name.

Mini Geology

Exhibit one of the following:

- A collection of the different colors and shapes of rocks, pebbles, and stones you find.
- Your own crystals
- Models of people or animals using rocks.

Mini Goat

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and
- Complete 1/3 of the Mini Livestock manual

Mini Horse & Pony

- See Safety Policy for Mini 4-H, page 16
- Members may exhibit one horse.
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- All mini 4-H members must be accompanied by an adult or older sibling in the show ring.
- Complete 1/3 of the Mini Horse & Pony manual

Mini Just For You

**Required for all first year mini members.*

Complete the activity manual and exhibit at fair.

Mini Livestock Educational

Exhibit:

- An educational poster or scrapbook in reference to Mini Livestock manual

Mini Models

Exhibit one of the following:

- Make one snap together plastic model.
- Make a model made out of clay or popsicle sticks.
- Make a model using two or four different items of your choice.
- Visit a museum and look around at different models. Write a short report on your visit.
- Make a model using as many different items of your choice. Make a background to display model.

Mini My Pet & Me

Exhibit:

- Make a scrapbook or poster about your special pet.

Mini Nature

Exhibit

- A poster, notebook or table display of one if the experiments in your activity book.

Mini Photography

Exhibit:

- Six photographs on a poster. Number each photo if desired.

Mini Plants & Flowers

Exhibit one of the following:

- Three cut flowers in a vase. The flowers can be the same kind or different kinds.
- A flowering plant in a pot.
- A houseplant
- A cacti
- Exhibit a colored flower
- Make a poster that shows the different parts of a plant.
- Find at least three pictures of flowers. Write the name of the flower next to each picture. Put the pictures in a self-made notebook.

Mini Poultry

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Livestock manual

Mini Rabbits

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Livestock manual

Mini Recycling

Exhibit:

- A can crusher
- Make a newspaper bundler
- Make a "Fuzzy Fruit"
- Create a bird house display

Mini Sewing

Exhibit one of the following:

- Fringe Scarf
- Quilt Square Initials
- Tic-Tac-Toe Weaving
- Stitch the Mouse
- Straight Line Patterns
- Connect a Pattern

Mini Sheep

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Livestock manual

Mini Sports

Exhibit:

- A completed notebook or a poster

Mini Sun, Stars & Space

Exhibit one of the following:

- Make a solar system mobile
- Exhibit the asteroid that you made in Activity 3.
- Exhibit the comet that you made in Activity 4.
- Make a model or poster of the shuttle. Label the main parts of the shuttle.
- Make a poster showing one or two different constellations.
- Make a poster about one or two different planets. Label the planets and tell something about them.
- Make a poster about Planet X.

Mini Swine

- See Safety Policy for Mini 4-H, page 16
- Members may show their own animal or any other 4-H member's animal that is enrolled and shown at the fair.
- Complete 1/3 of the Mini Livestock manual

Mini Wearable Arts

Exhibit one of the projects under your correct age category in the project manual

Mini Whales & Dolphins

Exhibit one of the following:

- Find three pictures of dolphins. Answer the following questions for each picture;
 - * Name of dolphin
 - * Weight of dolphin
 - * Size of dolphin
 - * Type of dolphin
 - * Put the pictures and information in a self-made notebook.
- Poster showing how big whales are.
- Model of your favorite whale or dolphin.
- Make a Whalarama.

Mini Wildlife

Exhibit one of the following:

- Birds Poster
- Birds Mobile
- Bird Feeder
- Paper Airplane
- Three Insects
- Bird Watching Chart Poster
- Animal Characteristics Poster

Mini Woodworking

Exhibit one of the following:

- Build and Grow Beginner Woodworking Kit from Lowes.
- Build a basic woodworking kit of your choosing.

General Project Requirements Grades 3-12

Aerospace

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

****REVISED: 10/2018**

***State Fair Entry- One rocket, remote control aircraft, or drone & one poster per level.**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations.**

***Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.**

Exhibit Requirements

Level 1:

Exhibit one of the following:

- A rocket of your choice— Estes Skills Level 1, 2, 3 or comparable difficulty - Cluster engine rockets and rockets that take an engine D or above are not permitted in this level
- A poster display board on any topic in the manual
- Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Level 2:

Exhibit one of the following:

- A rocket or other aerodynamic object of your choice— Estes Skills Level 2, 3, 4 or comparable difficulty- Cluster engine rockets and rockets that take an engine E or above are not permitted in this level
- A poster display board on any topic in the manual
- Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

Level 3:

Exhibit one of the following:

- A rocket of your choice-rockets must be Estes Skill Level 3 or higher- rockets that take an engine G or above are not permitted
- A poster display board on any topic in the manual
- 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

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements, page 14**

***Member must have cared for the fish on exhibit at least four weeks prior to the County Fair.**

***Maximum aquarium size of 10 gallons.**

***If preferred, fish may be picked up at 9:00 pm the day after judging. If fish are left for exhibition they must be checked daily until project check-out. The Purdue Cooperative Extension Service Staff are not responsible for exhibit and its security.**

***Containers must be flat-sided, NO CANNING JARS. Plastic drum bowls or containers are NOT suitable because they distort the fish. Furnish an adequate cover for your exhibit to protect the fish.**

Exhibit Requirements

Level 1:

Grade 3 -

- Complete activity 1 in the manual.
- Exhibit any fresh water fish which shows a good and healthy community bowl mix.

Grade 4 -

- Complete activity 2 in the manual.
- Exhibit a 10-gallon tank containing a mix of size and breed of fish.

Grade 5 -

- Complete activity 3 in the manual.
- Exhibit a 10-gallon tank containing a mix of size and breed. Try to use a different type of fish from previous year.

Level 2:

Grade 6 -

- Complete activity 4 in the manual.
- Exhibit a 10-gallon tank containing a mix of size and breed. Try to use a different type of fish from previous years.

Grade 7 -

- Exhibit a 10-gallon tank containing a mix of size and breed of Native Indiana fish.

Grade 8 -

- Exhibit a 10-gallon tank with your choice of fish. Include plants and a good mix of size and

breed to create a good tank setting.

Level 3:

- Exhibit two separate aquariums more common in commercial operation. The first will be called the breeding tank, and the second the rearing tank.

GENERAL REQUIREMENTS FOR ALL ARTS & CRAFT PROJECTS

***State Fair Entries– the best 12 overall**

***All divisions must include a completed craft record sheet and a craft information card.**

***A different article must be exhibited each year.**

***Members may move forward to a higher division, however, cannot move to a lower division than one previously completed.**

***All pictures (Fine Art class - see below) must be ready to hang, which includes being finished on the back with heavy paper glued on the back.**

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

***Any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.**

***Articles other than those in frames should be exhibited in a clear plastic bag for protection and display purposes.**

CRAFT CLASS DESCRIPTIONS

***Basic Craft -**

Basket Weaving, Bead Craft, Candle Making, Ceramics, Clothing Embellishment, Decoupage, Dolls, Felt Craft, Gift Wrapping, Leather, Latch Hook Kit, LEGO Model, Macramé, Recycled Article, Sew for Fun, Seed Craft, Sting/Wire Craft, Tie Dye, Tube Painting, and Miscellaneous– may not include crafts fitting in the three classes listed below.

***Fine Art -**

Oils, charcoal, pastels, pencil, ink, acrylic, or watercolor - on canvas, canvas board, or paper, framed as a picture and prepared for hanging. Canvas art on a wooden frame is considered prepared for hanging, provided the frame has a hanger. See specific projects for use of glass in the frame. "Paint by Number" pictures are not eligible.

***Model Craft -**

May exhibit up to one item in each of the following categories.

- * Cars, Trucks & Vans
- * Other Model Kits
- * Miniatures
- * Handmade Models

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

- Must be of injected styrene plastics
- At least 25% of the exhibit must be painted
- Wood, paper, clay, die-cast, or snap together models are not permitted
- Screws are not permitted
- Pre-painted or pre-decaled factory models are

not permitted

Models shown at previous fairs are not accepted. Small scale replicas will be no larger than 3" x 3".

***Needle Craft (Hand work) -**

knitting, embroidery, crocheting, needlepoint, crewel, candle-wicking, chicken scratching, hand quilting, tatting, huck embroidery, hemstitching. Also, pulled, drawn and counted thread work and punch needle work. DOES NOT include latch hook, plastic canvas, machine knitting or machine quilting or arm knitting/crocheting. If the article is to be hung, it must come prepared for hanging.

***Any Other Craft –**

May not include any crafts included in the three classes listed above. (ALL Lego Projects)

Basket Weaving

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Techniques:

Wrap a handle	Triple Twining
Curls	Braided Rim
French Branding	Overlays
Twill or Herring Bone	Different rim techniques
Filled-in or solid woven bottom	wood bottom—

Advanced Division only

Division I:

- Exhibit a square or rectangle basket without a handle. Twine the base and use basic over and under techniques with a single lashed rim. No coloring or dyeing.

Division II:

- Exhibit a square or rectangle basket without a handle. Twining may be used on side to show more difficulty. No coloring or dyeing.

Division III:

- Exhibit a round base basket with or without a handle. Basic weaving techniques used only. No coloring or dyeing.

Division IV:

- Exhibit a square, rectangle, or round basket with a handle. Choose two new techniques to add to the basket rim from the Different Techniques list above. You may use color dye or other color such as beads or raffia.

Division V:

- Exhibit a square, rectangle, or round basket. Add three new techniques from the Different Techniques List above. You may use one color dye or other color such as beads or raffia.

Division VI:

- Exhibit a basket of your choice using four techniques from the Different Techniques List above. You may use one color dye or other color such as beads or raffia.

Division VII:

- Exhibit a ribbed basket. You may use more than one color of dye and/or other color such as beads or raffia.

Division VIII:

- Exhibit a round reed basket with round reed

being the spokes. You may use more than one color of dye and/or other color such as beads or raffia.

Division IX & X:

- Exhibit a basket of your choice showing accumulation of previous skills plus advanced techniques such as lidded baskets or different shapes.

Bead

Project Requirements

***See General Requirements for All Craft**

Traditional

- Gel
- Bead
- Other

Ceramics

Projects page 29

Exhibit Requirements

Division I:

Exhibit one of the following:

- Necklace, bracelet, or key chain consisting of one string of beads using one needle (only one time through each bead)
- Necklace, bracelet, or key chain made from beads on leather lacing
- Three beaded ornaments strung on a pipe cleaner (wreath, candy cane, snowflake, etc.)

Division II:

Exhibit one of the following:

- Necklace consisting of 2 or more strands of beads or a patterned design
- Beaded headband
- 2 hair barrettes
- Belt

Division III:

Exhibit one of the following:

- Crocheted jewelry
- Doll (Styrofoam may be used inside of doll)
- Set of jewelry consisting of at least three items

Advanced Division:

Exhibit one of the following:

- Beaded cosmetic bag
- Small beaded purse
- Wall hanging— central design made of beads
- Pair Candle Holders
- An article of Indian Bead Work design
- Basket
- Beaded flowers
- Crocheted jewelry set
- Button & Beads
 - * Coaster set (holder & 4 coasters)
 - * Beaded tote bag
 - * Tissue Box Cover
 - * Lampshade
- Other articles of your own choosing

Candle Making

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Categories may be repeated, however, a different item must be exhibited each year.**

***Candles will be judged by division regardless of category.**

Exhibit Requirements

All Divisions:

Exhibit one of the following:

- Kit

Project Requirements

***See General Requirements for All Craft Projects page 29**

***The backs or bottoms of objects such as plaques or figurines should be covered with felt**

***The beginner and intermediate level will be split into two categories: greenware or fired.**

Exhibit Requirements

Division I & II:

Exhibit a simple article with two types of paint or stain that includes clear as one of the finishes.

Division III & IV:

Exhibit one of the following:

- Simple article using two or more stains
- Detailed article using underglaze and glazes with no more than 10 colors
- Detailed article using two or more stains, underglaze, and glaze
- Combination of above options

Advanced:

Exhibit a detailed, complex item with an advanced finishing technique

- Member must start with greenware
- Several finishes are acceptable

Clothing Embellishment

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Exhibits should not be put in plastic because it will stick**

***All plaques must be ready to hang with appropriate hanger**

***Picture frames must be ready to hang and have finished backs**

Exhibit Requirements

All Divisions:

Exhibit one of the following:

- T-shirt
- Sweatshirt
- Pants
- Vest
- Hat
- Other— single item

Decoupage

Project Requirements

****See General Requirements for All Craft Projects page 29**

***Exhibits should not be put in plastic because it will**

stick.

***All plaques must be ready to hang with appropriate hanger.**

Exhibit Requirements

Division I:

Exhibit one of the following using hodgepodge method on a wooden surface:

- Picture frame
- Small jewelry box
- Wall plaque
- Other

Division II:

Exhibit one of the following using hodgepodge method on metal, tin, tile, or any other surface other than wood or glass.

Division III:

Exhibit one of the following using hodgepodge method:

- Stool
- Night stand
- Wall Shelf
- Other small item

Division IV:

Exhibit article made from one of the following categories:

Decoupage under glass

- Picture, any size, framed, and ready to hang
- Lamp
- Other of your own choosing

Decoupage under varnish— item of furniture from the following:

- Stool
- Night stand
- Wall Shelf
- Other of your own choosing

Advanced:

You may work with any surface and any method. The article should be more advanced than made in previous divisions.

Dolls

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Exhibit is ALL Divisions description plus requirements for the Division you are enrolled in.**

Exhibit Requirements

ALL Divisions:

Exhibit one doll you have made OR a set of clothes. Your exhibit should reflect your sewing skills and age level. The doll can be soft sculpt, corn husk, chenille, stuffed animal, etc. If you choose to make clothes for your doll, you must exhibit the pattern with the clothes.

Division I:

Exhibit one doll OR one article of clothing

Division II:

Exhibit one doll OR a 2-3 piece outfit

Division III:

Exhibit one doll OR a 5 or more piece outfit

Felt

Project Requirements

***See General Requirements for All Craft Projects page 29**

***All picture sizes refer to the size of the picture frame opening (the glass).**

Exhibit Requirements

Division I & II:

Exhibit one 8" x 10" picture made with felt with stiff backing, under glass, ready to hang and back finished

Division III & IV:

Exhibit one of the following:

- A simple toy made of felt
- Felt decorated bulletin board with felt or burlap backing
- A decorated Christmas stocking made of felt

Division V:

Exhibit one 11" x 14" picture made with felt with stiff backing, under glass, ready to hang and back finished

Advanced:

Exhibit one article or set made of felt

Gift Wrapping

Project Requirements

****See General Requirements for All Craft Projects page 29**

***Do NOT put a gift in the wrapped package. The package should contain a baggie of sand or dirt that will help weigh the package down and make it easier to display.**

***Each wrapped package should include an index card containing the following information:**

- * Theme
- * Occasion for the gift
- * Gender and age of the recipient
- * **DO NOT stick adhesive label on package**

Exhibit Requirements

Division I & II:

Exhibit one of the following:

- One wrapped gift that follows the specifications and techniques listed below. Use new techniques or materials each year.
 - * Gift - square, rectangle or flat box (maximum of 24 inches in any direction)
 - * Wrapping material - make your own creative paper or decorate bag (i.e. stickers, stamping, decoupage, painting, dyed, string pull, spin art, etc.)
 - * Techniques - uses any or all of the following techniques (cover box and lid separately, use of tissue in bag)
 - * Bows - self-made bow (one material)
 - * Enhancements - optional

- An action demonstration

Division III and IV:

Exhibit one of the following:

- One wrapped gift that follows the specifications and techniques listed below. Use new techniques or materials each year.
 - * Gift - square, rectangle or flat box (maximum of 24 inches in any direction)
 - * Wrapping material - make your own creative paper or decorate bag (i.e. stickers, stamping, decoupage, painting, dyed, string pull, spin art, etc.)
 - * Techniques - uses any or all of the

following techniques (cover box and lid separately, use of tissue in bag)

- * Bows - self-made bow (one material)
- * Enhancements - optional

Advanced:

Exhibit one of the following:

- One wrapped gift that follows the specifications and techniques listed below. Use new techniques or materials each year.
 - * Gift - irregular shaped objects
 - * Wrapping material - nontraditional materials (i.e. fabric, natural materials, recycled materials, metallic materials, cellophane, etc.)
 - * Techniques - covering irregular shapes using non-traditional materials
 - * Bows - self-made bow (two or more materials)
 - * Enhancements - optional

Latch Hook

Project Requirements

****See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one of the following:

- A finished pillow, stuffed, with simple design
- An unfinished pillow top with simple design.
 - **The unfinished pillow top is not eligible for state fair.

Division II:

Exhibit a latch hook rug with a simple design and finished with rug binding sewed or glued (prefer sewed). The corners should be mitered.

Division III:

Exhibit one of the following using 5-10 colors. Pictures need to be framed without glass. Pillows must be stuffed. Other items should be finished with a binding or by lining them.

Suggested items are:

- Wall hanging
- Pillow (stuffed)
- Rug
- Picture (framed without glass)
- Other

Division IV:

Exhibit an article using 10 or more colors. Pictures need to be framed without glass. Pillows must be stuffed. Other items should be finished with a binding or by lining them.

Advanced:

- The article should be more difficult than those made in previous years.
- You may use any method of latch hook or a combination of methods, including but not limited to, various lengths of yarn (sculpture); un-sculptured, loops (continuous yarn not cut), more than one strand of yarn per square, etc.
- Suggested items are:
 - * Wall hanging (ready to hang)
 - * Pillow (stuffed)
 - * Rug (finished)

- * Toy (stuffed)
- * Picture (framed without glass)
- * Use your imagination to create your own design and item
- * Other
- * An action demonstration

Leather

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I and II:

****Dyes are not allowed in this level.**

Exhibit one of the following (only lacing will be judged):

- Coasters (set of 4)
- Key case
- Coin purse
- Other

Division III and IV:

****Dyes are not allowed in this level**

Exhibit one of the following articles that has been hand tooled, use lace if needed:

- Belt
- Key case
- Small purse
- Billfold
- Other

Division V:

Exhibit one article made that you have carved. You may use pre-cut kits but not pre-embossed. Use lacing if needed. You may use one color dye.

Advanced:

Exhibit any advanced article that shows your ability to do figure carving, tooling, embossing, dyeing, or other advanced techniques. Suggested articles include, but are not limited to:

- Bridles
- Saddles
- Bowling bags
- Clothing

LEGO

Project Requirements

*** (Any other craft)**

***See General Requirements for All Craft Projects page 29 *4-H'ers will be limited to an exhibit space of 3 ft. by 3 ft.**

***All Lego projects must be on stable foundation.**

***All items must be constructed with Legos.**

Projects utilizing other things or other plastic toy construction items, such as Lincoln Logs, will be placed in the Basic project.

***It is suggested that fragile models have a protective covering, however the model must be accessible by the judge.**

***Projects will be judged according to division, regardless of category.**

Exhibit Requirements

All divisions

Exhibits will be categorized into one of the

following:

- Kit – a purchased Lego kit made according to directions.
- Non-Kit – Item is an original design by the 4-H member. Modification of a kit qualifies for this category.

Macramé

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one of the following:

- Belt (be sure to tie off ends)
- Simple Necklace
- Pair of Twist Earrings
- Other item that does not specifically qualify for upper division

Division II:

Exhibit one of the following:

- Simple wall hanging
- Necklace
- Headband
- Hanging planter
- Dog leash
- Other item that does not specifically qualify for upper division

Division III:

Exhibit one of the following:

- Shoulder bag or tote bag, purse
- Set of TWO place mats
- Pillow cover
- Other item that does not specifically qualify for upper division

Advanced:

Exhibit an item that is more advanced than one from previous years.

Suggested exhibits include, but not limited to:

- Rug
- Large Wall Hanging
- Room dividers
- Lamp Shade

Paint By Number

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Since this is a kit project, specific instructions will be included in your kit.**

***Be sure to select subject suitable to your skills.**

***Neatness will be the prime factor in judging your article. Lines and numbers covered, sharp true lines, colors smooth, etc.**

***Each year you should show progress in application and difficulty of design.**

***New quick drying acrylic paints are available in sets now and you may wish to try them.**

Exhibit Requirements

All Divisions:

Exhibit one picture, ready for hanging. You must have a secure hanger attached or it will be marked

down one letter grade & or ribbon.

Plaster

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Ceramic or pottery articles may not be exhibited in this project**

***Plaques should be ready to hang.**

***All exhibits must have backs or bottoms finished**

***It is suggested that fragile items be a protective container if possible.**

Exhibit Requirements

Division I:

Exhibit an 8" - 10" wall plaque using only one basecoat over sealer; then antiquing stain. Use a matte sealer to finish.

Division II:

Exhibit one of the following using only metallic wax paint with only red or black undercoat; use a gloss sealer.

- 10" to 14" plate
- 10" to 14" wall plaque
- 6" to 12" figurine

Division III:

Exhibit one item of your choice painted in three or more acrylic basecoats using sealer of your choice with or without antiquing.

Division IV:

Exhibit one item of your choice using three or more colors of chalk (except basecoat), finished with Satin Mist Frost Sealer.

Advanced:

Exhibit one item of your choice that is more detailed and complex than those in years previous. You may use any technique or combination of techniques with basecoat, and your choice of sealer finish.

Pottery

Project Requirements

***See General Requirements for All Craft Projects page 29**

***It is suggested that fragile items be in a protective container if possible.**

Exhibit Requirements

Division I and II:

Exhibit a hand formed item from moist clay that has been air-dried or Kiln fired. Items may have a simple glaze, but it is not necessary.

Suggested exhibit items include, but not limited to:

- Pinch pot
- Coil pots
- Slab method or hand-formed objects.

Division III and IV:

Exhibit a hand formed item from moist clay and finished with simple glaze then fired or fired with stain finish.

The article may be hand-built, shaped on a one-piece hump mold, or slab method (may include jewelry).

Advanced:

Exhibit one article or set of articles that best represents what you have learned.

Advanced objects include all hand built pieces and/or

pots thrown on the wheel.

Recycled Article

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Members may only use scrap material(s) – no newly purchased materials specific for this project are allowed in the construction of this project.**

Exhibit Requirements

Division I and II:

Exhibit one of the following using any scrap material found around the home.

- Toy
- Household item
- One Christmas ornament
- Decorative item
- Christmas decoration
- Other item that does not qualify for upper level

Division III and IV:

Exhibit one of the following using scrap materials:

- Choose a Party Theme and make a display on a 22" x 28" poster board showing the following:
 - * Sample party invitation
 - * A party favor
 - * Centerpiece
 - * Placemat
- A paperback animal
- Mobile
- A paper-mâché project
- Other item

Advanced:

Exhibit any item(s) that you design and create from scrap materials.

Sew for Fun

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Exhibit must not be an article of clothing**

***Be sure that your exhibit does not qualify for a sewing non-wearable category. If it does meet requirements of the non-wearable project, you may want to enter the exhibit in that project.**

There may be a greater chance of being selected for the State Fair exhibition.

Seed

Project Requirements

***See General Requirements for All Craft Projects page 29**

***All picture sizes refer to the size of the picture frame opening (the glass). See Framed Craft Exhibit Hints on page 49 for illustration.**

***Be aware that a purchased 8" x 10" picture frame opening is not exactly 8" x 10"; purchased 11" x 14" picture frame opening is not exactly 11" x 14", and so on.**

***All plaques, wall hangings, etc. must be ready to hang with appropriate hanger.**

Exhibit Requirements

Division I and II:

Exhibit one article from the following list you have decorated with at least 3 different kinds of seeds (no artificially colored seeds).

- Decorated picture frame
- Decorated pencil holder
- Decorated bulletin board
- Decorated jewel box
- Other one-dimensional of your own choosing

Division III and IV:

Exhibit one of the following using seeds from garden, flower, and farm crops. Do not seed background or use artificially colored seeds.

- An 8" x 10" framed picture, ready to hang
- An 8"x 10" wall hanging, ready to hang
- Hoop picture decoration (no larger than 10" hoop), ready to hang
- Other one-dimensional item of your own choosing

Division V:

Exhibit one of the following using an original design. Items must be ready to hang. Both the central design and background must be made of seeds. No artificially colored seeds.

- Picture made, 11" x 14" or larger (be sure back of picture is finished).
- Hoop picture decoration (11" or larger hoop)
- Wall Hanging 11" x 14" or larger
- Other one-dimensional item of your own choosing

Advanced:

Exhibit a three dimensional, free-standing item, such as a table center piece, made from seeds. Seeds may be dyed, plain and/or variety of shapes and sizes. Seeds must remain whole.

String/Wire

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one article of simple design in which you have used no more than 3 different colors of string or wire.

Division II:

Exhibit one article using 3 to 5 different colors of string or wire.

Division III:

Exhibit one article using as many colors of string and/or wire as you care to. This article should be an intricate design.

Tie Dye

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I and II:

Exhibit a T-shirt using only one color of dye. T-shirt must be on a hanger.

Division III and IV:

Exhibit a T-shirt or floppy hat using two or three colors of dye.

Division V:

Exhibit one of the following items using any combination of colors and design you wish.

- Poncho
- Luncheon cloth
- Four napkins
- Caftan
- Small wall hanging
- Dresser scarf
- Pillow top— pillow must then be stuffed
- Table runner
- Pair of pillowcases
- Other item that does not qualify for a higher division

Advanced:

- Luncheon cloth and 4 napkins
- Sheet and a pair of pillowcases
- Shirt or jeans (cannot be a T-shirt)
- Curtains
- Beach cover up and bag or towel
- Large wall hanging
- Bedspread
- Tablecloth
- Other item

Tube Painting

Project Requirements

***See General Requirements for All Craft Projects page 29**

***It is recommended that all pictures be matted as well. All picture sizes refer to the size of the picture frame opening.**

***You may only use tube paints (no textile paints).**

Exhibit Requirements

Division I and II:

Exhibit one of the following using a simple line design (no fill in). Only the design will be judged.

- Blouse or shirt (no T-Shirt)
- Handkerchief
- Scarf
- Hoop decoration (8" - 10")
- 8" x 10" picture
- Bib
- Other item that does not qualify for upper grades

Division III and IV:

Exhibit one of the following using a more elaborate design. You may fill in, but no shading.

- Pair of pillowcases
- 11"x14" picture
- Hoop decoration (11" - 14")
- Scarf or handkerchief
- Blouse or shirt
- Other item that does not qualify for upper division

Advanced:

Exhibit an item using multiple stencils, shading, or more intricate design. Suggested exhibits include,

but are not limited to:

- Luncheon cloth with four napkins
- A set of four place mats
- Tablecloth
- 11" or larger hoop decoration
- 11"x 14" or larger picture
- Fabric pictures
- Pillow top – pillow must then be stuffed
- Curtains
- Other item

Miscellaneous

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Three (3) exhibits per youth max, per exhibit year.**

Exhibit Requirements

For all divisions:

Members may exhibit one article in an "Other Crafts Project" category if it does not fall into any specific craft category. Some crafts that might be exhibited in this project are: glass etching, sculpture, metal craft, plastic canvas, and tin punch.

Fine Art

Project Requirements

***See General Requirements for All Craft Projects page 29**

***All picture sizes refer to the size of the picture frame opening (the glass).**

***Mediums: Acrylic, Charcoal, Ink, Oil, Pastel, Pencil, Watercolor**

Exhibit Requirements

Division I:

- Exhibit an 8" x 10" still life painting using watercolors or poster paints. The painting must be under glass.

Division II:

- Exhibit an 11" x 14" still life painting using watercolors, poster paints or pastels. The painting must be under glass.

Division III:

- Exhibit an 8" x 10" scenery or landscape painting using any of the above mediums or opaque or texture painting. The painting must be under glass.

Division IV:

- Exhibit an 11" x 14" scenery or landscape painting using any of the above mediums. When using oils, acrylic, or similar medium, the picture should not be under glass.

Advanced:

- Exhibit a painting from any medium. When using oils, acrylic, or similar medium, the picture should not be under glass.

Model Craft

Project Requirements

***See General Requirements for All Craft Projects page 29**

***Rocket models will not be accepted**

***Snap-together models are not allowed**

***It is suggested that fragile models have a protective covering, however the model must be accessible by the judge
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-printed or pre-decaled factory models are not permitted**

Exhibit Requirements

Grades 3 & 4:

Exhibit one model made from pre-colored plastic parts that are glued together. Model must not be painted, however you may use decals that come with kit. Model cannot exceed 24" x 12".

Exhibit suggestions include, but not limited to car, truck, van, boat, or airplane.

Grades 5 & 6:

Exhibit one model that has been glued together. Decals and paint are permitted, however, camouflage and minute detailing are not. Model cannot exceed 24" x 12". Exhibit suggestions include, but not limited to car, truck, van, boat, or airplane.

Grades 7 & 8:

Exhibit one model on a display board that does not exceed 3" wider or longer than model. There is no limit to detail, design, or size. Interior must be painted on plastic models. Model should be secured to board, but easily removed for judging. Exhibit suggestions include, but not limited to car, truck, van, boat, or airplane.

Grades 9 -12:

Exhibit one model or display. A single model of a car, truck, van, boat, or airplane is not permitted. There is not limit to detail, design, or size. Model should be secured to display board but easily removed for judging. Metal kits are permitted.

Exhibit suggestions include, but not limited to a display of more than one model such as an airfield, motorcycles, military tanks, horse & wagon, house, handmade or original model, funny model using parts from different kits.

Candle Wicking

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border of Swedish Darning 4 - 6 rows.

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross stitch
- Cutwork
- Large article of embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Chicken Scratch
- Other

Chicken Scratching Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border of Swedish Darning 4 - 6 rows.

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint

- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross stitch
- Cutwork
- Large article of embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candlewicking
- Embroidery
- Other

Crewel

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit requirements

Division I:

- Exhibit one towel with a simple border of Swedish Darning 4 - 6 rows.

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross stitch
- Cutwork
- Large article of embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candlewicking
- Chicken Scratch
- Other

Crocheting

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one of the following using chain and single stitches:

- Edging for pillowcases using crochet thread
- Coat hanger using yarn or crochet thread
- Dresser scarves using crochet thread
- Potholder using yarn or crochet thread
- Doilies using crochet thread
- Other

Division II:

Exhibit one of the following using single and double crochet stitches:

- Doilies
- Coat hanger
- Chair Sets
- Potholder
- Table runners
- Two simple Christmas ornaments
- Other

Division III:

Exhibit one of the following using advanced stitches out of yarn or crochet thread:

- Hat
- Winter scarf
- Purse
- Small crocheted basket (using strips of material)
- Pair of gloves
- Hot pad (using strips of material)
- Pair of slippers
- Three or more Christmas ornaments
- Other item that does not qualify for advance division

Advanced:

Exhibit one of the following using advanced stitches out of yarn or crochet thread:

- Sweater
- Afghan
- Stole
- Doily - at least 30 in. in diameter
- Tablecloth
- Basket (strips of material)
- Bedspread
- Other

Embroidery

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border (4-6 rows).

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross-stitch
- Cutwork
- Large article if embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candle wicking
- Chicken Scratch
- Other

Hand Quilting

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one hand quilted 8-inch square hot pad

Division II:

Exhibit one hand quilted 14-inch patchwork pillow

Division III:

Exhibit one hand quilted 24 x 24 inch (minimum size)

pieced item any shape. Suggested items include: wall-hanging, baby quilt, tree skirt, lapquilt **Division IV:** Exhibit one hand quilted and hand appliqué' item (any size). Suggested items include: holiday stocking, tree skirt, wall hanging, and quilt.

Hemstitching

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border of Swedish Darning 4 - 6 rows.

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross stitch
- Cutwork
- Large article of embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candlewicking
- Chicken Scratch
- Other

Huck Embroidery

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border of Swedish Darning 4 - 6 rows.

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross stitch
- Cutwork
- Large article of embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candle wicking
- Chicken Scratch
- Other

Knitting

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one of the following using knit and purl stitches in plain knit, stockinette, ribbing, or combination thereof:

- Pair of bedroom slippers
- Scarf
- Two hot pads

Division II:

Exhibit article that requires some fitting and shaping.

Use only knit and purl stitches in plain knit, stockinette, ribbing, or a combination thereof. It may be a block knitted article.

Advanced:

Exhibit one of the following:

- Make and block one large or two small articles using one or two more special stitches (such as cable, seed, or shell stitch).
- Make and block one large or two small articles with design formed with two or more colors of yarn.
- An advanced article of your own choosing.

Needlepoint

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border (4-6 rows).

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross-stitch
- Cutwork
- Large article if embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candle wicking
- Chicken Scratch
- Other

Pulled, Drawn and Counted Threadwork

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border (4-6 rows).

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross-stitch
- Cutwork
- Large article if embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candle wicking
- Chicken Scratch
- Other

Punch Needle Work

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one towel with a simple border (4-6 rows).

Division II:

Exhibit one of the following using at least three different stitches:

- Pair of pillowcases
- Swedish towel set of 2 for bath or kitchen
- Table runner/dresser scarf
- Bath or Kitchen towel
- Simple picture or wall hanging
- Other article using 3 different stitches

Division III:

Exhibit one article from the list below:

- Small article of needlepoint
- Article with advanced hemstitching
- Large article of embroidery
- Counted cross stitch
- Cross-stitching on gingham material
- 3 or 4 small or one large article with Swedish Darning
- Other that does not qualify for a higher division

Division IV:

Exhibit one article from the list below:

- Needlepoint
- Cutwork
- Cross-stitched rug
- Large article of embroidery
- Large article Swedish Darning
- Cross-stitch/Counted cross-stitch article
- Other that does not qualify for a higher division

Advanced:

Exhibit article(s) from the following list. Select project that is different and more advanced from those in previous years.

- Needlepoint
- Counted Cross-stitch
- Cutwork
- Large article if embroidery
- Cross-stitch
- Large article of Swedish Darning
- Quimper (French Folk Art)
- Candlewicking
- Chicken Scratch
- Other

Tatting

Project Requirements

***See General Requirements for All Craft Projects page 29**

Exhibit Requirements

Division I:

Exhibit one of the following items: hand towel with edging, pillowcase with edging, or handkerchief with edging (motif made with stitches which are repeated), or as embellishment on clothing or other item.

Division II:

Exhibit one of the following items using 2-threads: book mark, or piece of jewelry (no beadwork)

Division III:

Exhibit one of the following items using 2- threads and beads: jewelry, advanced motif as embellishment on clothing or other items, or 6 sheets of stationery with motif and beads.

Beef Educational Poster

Level 1: Grades 3-5

Level 2: Grades 6-8

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Exhibit a poster, educational display, essay or notebook about one or more activities outlined in the manual or other topic of your choice.

Beekeeping

Division I: May do 1-2 years

Division II: May do 1-2 years

Division III: May do multiple years

Independent Study: Grades: 9-12

Project Requirements

***State Fair Entry one per Division**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Create an exhibit that shows the public what you learned in the beekeeping project this year.

Choose one of the topics listed below, appropriate for your grade in school, and **use that topic** for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

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

Exhibit Requirements

Division I:

Present one of the following topics on a poster:

- Flowers Used to Make Honey– Display pressed flowers from 10 different Indiana plants that bees use for making honey.
- Uses of Honey and Beeswax
- Setting up a Bee Hive
- Safe Handling of Bees

Division II:

Individual Display– Exhibit one of the following:

- Extracted Honey- (2) 1-pound jars, shown in glass or clear plastic, screw top jars, holding 1-pound of honey each.
- Chunk Honey (comb in jar)- (2) 1-pound jars (with mouth glass or clear plastic).
- Cut Comb Honey- (2) 1-pound boxes. (This is usually displayed in a clear plastic box about 4 1/2" x 4 1/2")
- Working With Honey Bees– Present a topic from your manual to teach fair goers about working

with honey bees.

- Use your knowledge and creativity to display this information on a poster or in a notebook. Posters must follow the guidelines listed above.

Division III:

Exhibit two of the four kinds of honey listed below. Or, prepare an educational display (Option #5)

- Extracted Honey- (2) 1-pound jars (glass or clear plastic) of extracted honey.
- Chunk Honey (comb in jar)- (2) 1-pound jars (wide mouth glass or clear plastic) of chunk honey.
- Cut Comb Honey- (2) 1-pound boxes of cut comb honey. Boxes are usually 4 1/2" x 4 1/2".
- Comb Honey- (2) sections of comb honey (honey built by bees in frames of wood commonly called "sections". Boxes are usually 4 1/2" x 4 1/2" in size).
- Prepare an educational display about honey bees or beekeeping.

Independent Study Level:

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

Bicycle

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Only Project**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Project Completion Recommendations:

- Exhibit a poster on one of the following topics:
 - History
 - Bicycle Fit
 - Parts and Maintenance
 - Safety and Skills
 - Hiking and Games
- Report results in the spaces after each activity. Complete project manual.

Level 2:

Project Completion Recommendations:

- Exhibit a poster on one of the following topics:
 - Parts and Maintenance
 - Safety
 - Skills
 - Hiking
 - Games
- Report results in the spaces after each activity. Complete project manual.

Level 3:

Project Completion Recommendations:

- Create and report on a bicycle activity you completed.

Bicycle Rodeo:

**** Any 4'Her may participate in Bicycle Rodeo. ****

- Participants must bring and wear helmets.
- The Rodeo will include a Safety Inspection, Written Quiz, and Skill Tests.
- Competition will be by grade division as follows:
 - Junior: Grades 3-7
 - Senior: Grades 8-12

Cake Decorating

Beginner: Grades 3-5

Intermediate: Grades 6-8

Advanced: Grades 9-12

Project Requirements

****REVISED 10/2018**

***State Fair Entry– One per division**

***All levels must complete record sheet**

***All divisions must include skills card**

***See General Project Requirements page 14**

***Exhibited cakes must demonstrate the minimum five techniques from their given level outlined in Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A, but may also include higher/lower level techniques that have been mastered. Any higher/lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality.**

***While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an appropriate level the following year.**

***All cakes must be created using a Styrofoam, foam, or other solid dummy. Unless otherwise stated, cakes are to be iced using royal icing or buttercream. Buttercream icing will not withstand environmental conditions and may become soft, melt, not withstand its shape, and colors may bleed when being displayed an extended period of time. When displaying a cut-up cake or tiered cake, the exhibitor must include a diagram and description can be attached to or written on the skills sheet. All exhibits must include a completed Cake Decorating Skills Sheet (4-H 710 and must accompany the cake for the judge's reference during judging.**

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)

Advanced (Grades 9-12).

While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an

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

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, no more than 5" tall, and may be round, square, or rectangular and the cake board is to be no more 12"x12". A minimum of five beginner level skills are to be demonstrated. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

Intermediate Level (Grads 6-8)

Cakes must be on a cake board approximately 3/8" thick and 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 ½” 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.

Cat Educational Poster

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry– One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Cat Care; Cat Breeds; Litter-Training; Treating My Cat With Care & Respect; Cat Responsibilities; Grooming Skills; Training My Cat; Declawing– Good or Not?; Neutering/Spaying; I Lost My Cat; Determining Cat Costs; Traveling With My Cat; My Cat’s Safety.

Level 2:

National Cat Fancier Associations; A Cat Clinic; Here Comes the Judge; Training With Extra Praise; Let’s Decide For My Cat; Careers Related to Cats; Should My Cat Have Kittens?; Type of Cat Food; Feeding My Cat; Things I’ve Learned; Insect Pests; Cat Tails Talk; Symptoms of Ill Health; My Visiting Pet Therapy Program; Cats Get Old Too!; Saying Goodbye.

Level 3:

Understanding a Cat Show; Planning a Cat Business; Am I a Role Model?; Cat Genetics; Cat Organs & Systems; Exploring Careers; Learning About Leadership; My Cat Quiz Bowl; Teaching Others; Having Fun Learning; It’s the Law; Protecting Our Environments; Issues of Animal Welfare/Rights.

Cat Show

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry– Open to all 4-H members**

***A Completed 2019 Certificate of Completion of Indiana 4-H Program Requirements form Exhibition of Cats Vaccination form must me**

turned in to the Crawford County Purdue Extension Office in order to show. –may be turned in at show.

Exhibit Requirements

- The 4-H member may exhibit only one entry in the Cat Show.
- Each member may show his or her or the family cat.
- To be eligible, the cat must be in the possession of the 4-H'er and born by April 1 of the year that it is shown.
- The cat must be fed and cared for by the 4-H'er.
- For the show, the cat may be either a purebred or household cat.
- Cats should be classed according to their predominant characteristics. The member is responsible for getting the cat in the correct classification.
- All 4-H cats must have a valid certification of vaccination (4-H 777W). The certification of vaccination must be signed by a licensed and accredited veterinarian and it must be available at check-in.
- The 4-H cats must have had their nails clipped. This is a safety factor for both member and judge.
- Cats, which are pregnant or have a litter cannot be exhibited. These cats are not physically fit for a show.
- All cats must come to the show in a carrier and leave in their carrier. The only time it should be removed is for showing or last minute grooming.
- The owner must take the cat home immediately following the Cat Show.

Child Development

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***State Fair Entry– One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level A:

Choose one of the following to exhibit:

- 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.
- Create a display no larger than 36 x 36 x 36 inches 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 B:

Choose one of the following to exhibit:

- 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.
- Create a display no larger than 36 x 36 x 36 inches 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:

Choose one of the following to exhibit:

- Design a poster based on one of the activities you completed in your manual or one that promotes physical, emotional or cognitive skills.
- Display a binder notebook that includes the information from one of the activities you completed this year.
- Create a display no larger than 36 x 36 x 36 inches 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.

Level D:

Choose one of the following to exhibit:

- Design a poster based on one activity you completed in your manual or one that promotes physical, emotional, or cognitive skills.
- Display a binder notebook that includes the Information based one of the activities you completed this year.
- Create a display no larger than 36 x 36 x 36 inches 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.

Collections

No levels or division

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Collections of guns, knives, or live items are not eligible to exhibit**

Exhibit Requirements

All Grades:

- Choose a suitable collection for your age.
- Exhibit your collection carefully and neatly. Be sure to label all articles of the collection.
- Keep an accurate inventory record.
- Collections notebook must accompany every exhibit. The notebook must contain:
 - *Collection inventory
 - *Liability waiver form
 - *Story about your collection

Exhibit one of the following:

- Notebook, scrapbook, or album with appropriate title on cover
- Poster showing your collection with an appropriate title
- A self-contained table display with appropriate title, no larger than 2 ft. by 3 ft. with base and back (may be box with bottom and 4 sides, covered with plastic, glass or similar material. If display is larger, special arrangements need to be made one week

prior to County Fair.

Computers

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry– One per division**

***All levels must complete record sheet**

***See General Project Requirements page 14**

- Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade.
- Youth may choose to create an exhibit demonstrating skills learned during the year.
- Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge.
- Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, etc.as the exhibitor will not be able to discuss their work with a judge.
- Poster exhibits are not acceptable.
- Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic.
- Subject categories are:
 - Block Based Programming
 - Text Based Programming
 - Web Design and Computer Entrepreneurship
 - Computer Forensics
 - Hardware and Networking Design/Install/Repair
- Software must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.
- All notebooks/portfolios must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed. A county may submit a total of three state fair entries, one entry per grade level division.

Consumer Clothing

Beginner: Grades 3-5

Intermediate: Grades 6-8

Advanced: Grades 9-12

Project Requirements

****REVISED 10/2018**

***State Fair Entry– One per Division**

***All levels must complete record sheet**

***See General Project Requirements page 14**
***Exhibit your notebook and complete coordinated outfit (including clothing item purchased during the project) with appropriate accessories, including shoes.**
****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

(The exhibit topic each year must be different from previous year's exhibit).

Beginner:

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

Intermediate:

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Purchase and accessorize a casual or school outfit. You may purchase accessories or select from items you already own.
- Model your outfit. Tell the judge about your purchases, what you learned, and about the activities you completed. Take your manual and notebook with you because they will help you talk with the judge.

Advanced:

- Complete one activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- If a member has completed all activities in the manual in prior years, the member is to consult 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.
- Choose an outfit and accessorize it. You may purchase or select from items you already own. Model your outfit before a group. Tell them about your activities in this year's project and how you plan to use this year's purchases in your future wardrobe. Take your manual and notebook with you because they will help you talk with the judge.

Corn
(Part of Crops Project)
 Level 1: Grades 3-5

Level 2: Grades 6-8
 Level 3: Grades 9-12

Project Requirements

- *County project only**
- *All divisions must complete Crop record sheet**
- *See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Make an exhibit from one of the three projects listed on page 4 of the level one Corn manual. You cannot repeat the same activity exhibited from a previous year.

Level 2:

Make an exhibit from one of the five projects listed on page 4 of the level two Corn manual. You cannot repeat the same activity exhibited from a previous year.

Level 3:

Make an exhibit from one of the three projects listed on page 4 of the level three Corn manual. You cannot repeat the same activity exhibited from a previous year.

Dairy Educational Poster

Level 1: Grades 3-5
 Level 2: Grades 6-8
 Level 3: Grades 9-12

Project Requirements

- *County Project Only**
- *All levels must complete record sheet**
- *See General Project Requirements page 14**

Exhibit Requirements

Exhibit a poster, educational display, essay or notebook about one or more activities outlined in the manual or other topic of your choice.

Dog Educational Poster

Level 1: Grades 3-5
 Level 2: Grades 6-8
 Level 3: Grades 9-12

Project Requirements

- *State Fair Entry - One per Division**
- *All levels must complete record sheet**
- *See General Project Requirements page 14**

Exhibit Requirements

The following suggestions are ideas for development of educational dog posters. 4-Her's need not be limited by or to just these mentioned topics.

Beginner:

- Dog Care; Dog Breeds; Me and My Dog
 Helping the Handicapped

Intermediate:

- Purposed of Dogs; Responsible Dog Ownership;
 Uses of Dogs; Disease/Parasite Prevention;
 Careers With Dogs

Advanced:

- Learning Life-Skills With the Dog Project; Your Dog and the Law; Dog Foods; A Dog's Sense of Smell; Dog Over-Population Problems, Animal Health; Animal Welfare

Dog Show

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry - Open to all Dog Exhibitors**

***A Completed 2019 Certificate of Completion of Indiana 4-H Program Requirements for Training and Exhibition of Dogs Vaccination form must be turned in to the Crawford County Purdue Extension Office in order to show. –May be turned in at show.**

Exhibit Requirements

- Feed, train and care for your dog or the family dog.
- Dog should be a weaned pup, preferable 6 months of age or over, but any age will be accepted at discretion of the leaders for county exhibit only.
- The dog may be purebred, one parent registered, or a recognizable breed if crossbred or a family pet.
- All dogs MUST have a signed Certification of Vaccination (form 4-H 671, for current year) to be turned in to 4-H Youth Development Educator at the beginning of project. Dogs will absolutely NOT be permitted to show without the following vaccines: distemper, hepatitis, parvovirus, leptospirosis, kennel cough, corona, and rabies. Shots must be within one year of date of exhibition. Please Note: Certain required vaccinations have not been proven effective in wolf-hybrids; therefore, because wolf-hybrids cannot meet the vaccination requirements of the Indiana Board of Animal Health, wolf-hybrid dogs cannot be shown.
- A 4-H dog may not be exhibited showing any symptoms of any communicable diseases. Exhibitor assumes responsibility of his/her dog.
- A 4-H Youth Development Educator, at his/her discretion, may and will bar any unruly dog from county exhibit.
- Turn in record sheet the day of the Dog Show.

Electric

Division 1: First Year in Project

Division 2: Second Year in Project

Division 3: Third year in Project

Division 4: Fourth Year in Project

Advanced Division: Fifth Year in Project & Above

Project Requirements

***State Fair Entry - One per Division & One from Electronics**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***A note is to be attached to the exhibit explaining what was done, why, and the intended use of the item..**

Exhibit Requirements

Project Completion Recommendations

Make a circuit board
Conduct a Hazard Hunt.

- 1.
- 2.

3. Complete your record

Division 1:

*Exhibit at your local or county fair a circuit board no larger than 6" by 6" (using kit provided, label parallel or series circuit). "What I Have Done and Learned" is required for county only..

Division 2:

*Exhibit at your local or county fair either: magnetic powered flashlight or a poster (22" x 28") as outlined in the project manual or project CD.

Division 3:

****REVISED 10/9/2017**

Make one of the following:

Build an extension cord using all new parts Build an incandescent trouble light using all new parts

Build a fluorescent trouble light using all new parts Repair an extension cord or trouble light by replacing the cord, plug, connector body or socket handle with a new parts). Create a poster about wire size wire type current carrying capacity the parts of an extension cord or trouble light an important If the exhibit is not a poster, attach a note explaining how it is to be used.

Division 4:

Complete the activities presented in the manual. Make or remake a lamp, or make a poster or display board on any topic covered in the manual. Complete your record *Exhibit one of the following at your local county fair. Made or remade lamp Display board on any topic covered in manual. Poster on any topic covered in this manual If the exhibit is not a poster, attach a note explaining how it is to be used.

Advanced Divisions

5-10 Electricity & Electronics:

****REVISED: 11/9/17**

(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.)

Project Completion Recommendations

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. Each county may submit one advanced electric and one advance electronic exhibit to the state fair.

Exhibit **ONE** of the following:

An article based on wiring around the home, farm, or facility, etc.

An article made in the area of heating and cooling

An article made in the area of lighting

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)

An article made in the area of power

A written report on: consumer buying, better electrical methods, or electrical careers.

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. Display board showing home wiring (3-way switch, 4-way switch, GFCI Grounding, Circuit Protection, etc.) or any topic covered in the Advanced Division manual.

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

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry– one Insect Collection and one Poster for each level.**

***All levels must complete record sheet**

***See General Project Requirements page 14**

****Notes:**

- References:**

4-H 764, How to Study, Collect, Preserve and Identify Insects. -How to Make an Awesome Insect Collection, ID-401 (available online, [ex-tension.entm.purdue.edu/401Book/default.php?page=home](http://extension.entm.purdue.edu/401Book/default.php?page=home), or through The Education Store).

- 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 inch 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 A-F cards (for grades 3-8) and 401-I cards (for grades 9 - 12), should be placed in the lower right hand corner of box # 1.

- 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

Insect Collection Guidelines:

- **Grade 3:** 10 insects, identified and pinned on cards (ID 401 A)- 1 box
- **Grade 4:** 20 insects, mounted (pins or vials). Identify all insects by common name and identify 5 to order (ID 401 B)-1 box
- **Grade 5:** 30 insects, mounted (pins & vials). Identify all insects by common name and identify 15 to order (ID 401 C)-1 box
- **Grade 6:** 40 Insects, exhibit a minimum of 6 orders, mounted (pins & vials). Identify all insects by common name and order. Include (ID 401D)- 2 boxes
- **Grade 7:** 50 Insects, exhibit a minimum of 8 orders, mounted (vials & pins). Identify all insects by common name and order. Identify 10 to family. (ID 401 E)-2 boxes
- **Grade 8:** 60 insects, exhibit a minimum of 10 orders, mounted (pins & vials). Identify all insects by common name and order. Identify 30 to family. (ID 401 F) – 2 boxes
- **Grade 9:** 70 insects, exhibit a minimum of 12 orders, mounted (pins & vials). Identify all insects by common name, order and family. One educational box theme: insect behavior. (ID 401I in first box only) – 3 boxes
- **Grade 10:** 80 insects, exhibit a minimum of 14 orders, mounted (pins & vials). Identify all insects by common name, order and family. One educational boxed themed: insect pest management. (ID 401I in first collection box only)- 3 boxes
- **Grade 11:** 90 insects, exhibit a minimum of 16 orders, mounted (pins & vials). Identify all insects by common name, order and family. One educational box themed: insects in the environment. (ID 401I placed in first collection box only) – 3 boxes
- **Grade 12:** 100 insects, exhibit a minimum of 18 orders, mounted (pins & vials). Identify all insects by common name, order and family. One educational box themed: benefit of insects. (ID 401I placed in first collection box only) – 3 boxes

(Entomology Posters)

Level 1: Display a poster based on one of the following activities from the manual:

- **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.
- **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.
- **FACETnating!** -- Show how insects see (compound eyes) and explain how they see colors.
- **Ants and Uncles** -- Compare insects with their non-insect relatives by completing the chart in your book (copy or make your own). Include some of the insects and their non-insect relatives, or pictures of them, on your poster.
- **Chirp, Chirp** -- Watch and listen to the crickets for five minutes, three times a day, for three days. Include day and night observations. Record what you see and hear.

Level 2:

- Display a poster based on one of the following activities from the manual:
- **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 MyWorld), Activity 9 (Sow bug 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:

- **The Scientific Method** - Use the scientific method to complete one of the problems listed in Activity 3. Describe what you did to complete the five scientific method steps and include your data and drawings or pictures of your experiment.
- **Transecting for Insects** - Compare three habitats using the scientific method to determine which one has the most terrestrial insect activity. Display your transect data sheet for each habitat and answer the "Talk It Over" questions.
- **Please Drop In** -- Create your own hypothesis and collect insects in five pitfall traps to prove or disprove your hypothesis, as described in Activity 7. Display how you completed your experiment (including each step in the scientific method) and your data for each habitat.
- **Aliens Among Us** -- Complete the "Natives vs. Non-natives Survey Data Sheet" by checking two boxes (Native or non-native and damage or no damage) for five native and five non-native insects as shown in Activity 9. Answer the "Talk It Over" questions.
- **IMP** -- Learning and Teaching - Make an informational 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 Level:

- **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 Scene Display

- Level A: Grades 3-4
- Level B: Grades 5-6
- Level C: Grades 7-8
- Level D: Grades 10-12

Project Requirements

- *County Project Only
- *All levels must complete record sheet
- *See General Project Requirements page 14

Exhibit Requirements

Level A:

- Field tilling display. Example: toy plows, disks, and planting. Roads, lanes, trees, fence rows, and back drop may be used to set off field or fields.
- Display must be built on rigid wood (plywood) that

is 24" x 36" in size.

Level B:

- Field work display. Example: tilling or crop harvesting. Roads, lanes, trees, fence rows, and back drop may be used to set off field or fields.
- Display must be built on rigid wood (plywood) that is 24" x 48" in size.

Level C:

- Create any type of farm display. Example: Farmstead; buildings, grain handling equipment, field work, and harvesting.
- Display must be built on rigid wood (plywood) that is 48" x 48" in size.

Level D:

- Agricultural farm display. Cannot be a farmstead or farm tillage display. Examples: Livestock auctions, farm equipment dealerships, agriculture educational events, agriculture fairs, and other displays of your imagination.
- Display must be built on rigid wood (plywood) that is a minimum of 24" x 24" to a maximum of 48" x 96" in size.

Fashion Revue

All Grades

Project Requirements

All sewing exhibitors with wearable projects are encouraged to participate

**To Encourage Youth to Develop:

- Self-confidence & poise
- Ability to select suitable and coming accessories
- Good posture and good grooming habits
- The ability to choose from current fashion that which is suitable to the lifestyle and figure
- Characteristics of the individual
- Skills necessary to plan, select and construct clothing, using available resources

*One State Fair category - Open Clothing

*Only those participants' grades 8-12 are eligible to compete at State Fair

*4-H event- no Fashion Revue manual

Exhibit Requirements

**County Level Requirements

*4-H members will model an outfit from the category list below.

*Members may show in more than one category but cannot show in the same category twice in the same year.

Model One of the Following:

- **Informal or casual wear:** A complete outfit suitable for school, weekend, or casual, informal activities.
- **Dress Up:** A complete outfit suitable for special, church, or social occasions not considered to be formal.
- **Free Choice:** A complete outfit comprised of garments that do not fit in the other classifications.
- **Suite or Coat:** Two pieces including a skirt or pants

and its own lined jacket. It is not a dress with a jacket as in "dress up wear".

- **Separates:** Three garments that must be worn as a coordinated complete outfit. Each piece should be versatile.
- **Formal Wear:** May be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

Floriculture

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-8

Level D: Grades 9-12

Project Requirements

*State Fair Entry: One (1) flower and plant exhibit per category per level and one (1) poster or notebook exhibit per level, and one (1) demonstration per exhibitor. *All levels must complete record sheet

*See General Project Requirements page 14

- Needs to be a sturdy 3 ring binder (with stiff covers) or a bound type notebook (with stiff covers). No report covers or similar styles.
- Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the notebook need to be educational, both for 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.

Exhibit Requirements

Level A:

Flower Exhibit Options:

- Create flower arrangement in a simple bud vase, provide your own vase, from cut flowers you grew in your garden. (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.
- Create flower arrangement in a simple bud vase, provide your own vase, from fresh flowers you purchased. (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.
- 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"**.

- 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"**.
 - **Notebook/Poster Exhibit Options:**
- Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers).
- Describe how you planned or designed your garden, including how you chose the kinds of flowers.
 - Explain how you harvested your flowers, cared for them, and used them in an arrangement.
- Explore and explain: pollination – what it is, why important, different ways it occurs or transplant- ing – what, how things to watch out for; or role of insects with flowers (good, bad or both).
- Explore and explain seed germination or how to care for a 'sick' plant
- Report on interview with a professional (what do they do, types of jobs, type of training, hours worked, etc.)
- Describe an experiment you did and the results
- Describe a community service project you did related to your flowers project

Level B:

Flower Exhibit Options:

- 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.
- 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")**
- 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.

Notebook/Poster Exhibit Options:

- Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
- Explore and explain: insects and your flowers and/or herbs
- Explore and explain: starting seeds indoors -- the process and pros and cons
- Explore and explain: perennials -- what are they, how are they used, benefits or drawbacks
- Investigate and describe: a butterfly garden -- what types of plants, benefits to insects and butterflies, etc.
- Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes
- Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or

successes

- Explore and explain: plant biology -- form and function, growth, photosynthesis, etc.
- Explore and explain: how to grow plants indoors -- things to consider, common problems and solutions
- Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature)
- Describe an experiment you did and the results
- 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.

Level C:

Flower Exhibit Options:

- Display a terrarium. Size of the terrarium should be appropriate for use on a table at home, and no larger than 12"deep, 18" long and 16" high. Must have a cover while on exhibit. See activity information for design.
- Combination or European planter. Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for a minimum of 2 months. See activity for information on plants and design. The container should not exceed exhibit space of 18" x 18" (height will be variable).
- 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.
- 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.
- 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.
- 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).

Notebook/ Poster Exhibit Options:

- Explore and explain: vegetative propagation -- how to, different types, problems and solutions, different uses of.
- 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.
- Investigate the design of multiple plant containers -- how to, things to consider, selecting plant materials, uses of.
- 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.
- Explore and explain: floral tools and materials (how to use, what they are, care of tools, different

uses of a tool or material)

- Explore and explain: preserving cut flowers -- how, problems, uses of and/or diseases related to cut flowers.
- Illustrate, explore and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them.
- Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants.
- Describe an experiment you did and the results.
- Describe a career exploration activity you did, such as job shadow, interview with a professional.
- Describe a community service activity you did related to your flowers project -- what you did, why, results, etc.

Level D:

Flower Exhibit Options:

- 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"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
- 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"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.

- Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. **Maximum size 24"x24"x36"**. Include a label that states what type of design you have created (botanical, pavè, parallel, free-form, abstract, etc.)
- 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.
- Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24"x24" 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.
- 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.

Notebook/Poster Options:

- Describe how you created your arrangement; include information on the design principles utilized.
- Explore and explain how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of

arrangements.

- Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types flowers, different time year, etc.).
- Explore and explain: forcing flowers (bulbs, branches, etc.).
- 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.
- Explore and explain: how to start a business related to the floral industry and may include a business plan.
- Explore and explain the origins of flowers and/or the floriculture industry around the world.
- Explore and explain: tissue culture, biotechnology, or traditional breeding of new flower types --what are they, how are they used, pros and cons.
- Explore and explain: be a plant detective -- what kinds of problems might you have in growing and caring for flowers, and how to solve.
- Describe an experiment you did and the results.
- Describe a community service activity you did related to your flowers project: how, why, results.

Action Demonstration (All Levels): Participate in an action demo at state fair or demonstration contest at county level related to topics for your grade level, or any of those listed above.

Foods

Baked or Preservation

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***State Fair Entry- Top 10 Baked, Top 10 Preserved**

***All levels must complete record sheet**

***See General Project Requirements page 14**

- **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

****Purdue Extension Food Safety Policy (revised 11/2013)**

Labeling:

Cover label with clear plastic wrap so that it will not become grease stained. Tape label to the paper plate or container before the product is wrapped. **Recipe or**

Index Cards:

A recipe card or index card (no larger than 5 1/2" X 8 1/2") is required for all food exhibits listing ingredients that were used. Be sure to include **the recipe source** and all the information requested in the exhibit description, as well as your name & county. It is recommended that you wrap the card in plastic wrap or in a plastic bag. Recipe cards will not be returned. *Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.*

How to prepare products for display:

- Most food products should be displayed on a paper or foam plate. For cakes: cut a piece of cardboard about 1/2 inch larger than the bottom of the cake.
- Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
- Any 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.
- Frozen food exhibits (containers and food) will not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers. Pies should be exhibited in disposable pie tin. All canned products must have the ring on the jar top to protect the seal.

Exhibit Requirements

Level A (Grade 3):

- Three snack-sized drop, molded or bar baked cookies (**approximately 2"-3" in actual size**). No glaze or frosting. Include recipe card and display

on a dessert size paper or foam plate.

- A package of three baked, snack-sized frozen cookies (**approximately 2"-3" in actual size**). . Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- An interactive demonstration.

Level A (Grade 4):

- Three **standard size** muffins that contain an ingredient that is a source of Vitamin A or Vitamin C (no muffin liners). Include recipe card.
- One package of frozen berries. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for cooking and defrosting. Label with name of product, quantity, and date frozen.
- An interactive demonstration.

Level B (Grade 5):

- A square, oblong or round layer of cake without frosting. Include recipe card.
- One uncooked frozen mini-pizza using pita bread, English muffin, bagel, or already prepared crust (no larger than 7" in diameter) with toppings of your choice. Meat toppings, such as hamburger, sausage, bacon, etc. need to 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.
- An interactive demonstration.

Level B (Grade 6):

- Three no-yeast, any shape pretzels with a **wholegrain 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.
- One package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for **cooking and defrosting**. Label with name of product, quantity, and date frozen.
- An interactive demonstration.

Level C (Grade 7, 8, 9):

Exhibitors may choose one baked and/or one preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

- Three (3) yeast bread sticks or yeast rolls (any shape, medium size-not a sweet roll), using a wholegrain **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 wholegrain **flour mixture** such as whole wheat, rye, oat bran, etc. Include recipe. 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 My Plate. Exhibit must include **your snack product** and a separate folder containing a marketing plan with product name, recipe, how it will be packaged, and 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.
- 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.
- 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.
- An interactive demonstration.

Level D (Grade 10, 11, 12):

Exhibitors may choose one baked and/or one preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

- 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 temperature.
- A baked food product for a catered meal or special event in which organizers have requested low fat and/or reduced sugar items. Exhibit will include your food product and a notebook outlining how this product is to be used at the event, menu supplies to buy, preparation schedule, equipment, table layout, etc. A table display is optional 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.
- One package of a frozen entrée, such as a casserole, hearty soup or vegetable dish in freezer container. Exhibit should include an index card with recipe and instructions for reheating.
- Display in disposable containers. No containers will be returned. Label with name of product, quantity,

and date frozen.

- A jar of cooked jelly or a reduced sugar fruit spread. Include recipe card. Label with name of product, quantity, and date made.
- 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.
- An interactive demonstration.

Forestry

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study Level: Grade 9-12

Project Requirements

***State Fair Entry: One Exhibit per Level & One in Level 3 Independent Study**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Display a poster based on one of the following activities from the Level 1 manual:

- **Leafing Out**-(pg. 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 titles of "arrangement," "leaf margins," and "compound or simple." Draw (or copy the picture from the manual) and label the parts of a leaf. *Title your poster, "Leafing Out – Leaf Differences."*
- **Leafing Out** - (pg. 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** (pg. 10 & 11), Dig up a small plant root system and display on a poster along with a drawing of the root system (pg. 10 in manual) with the anchor, lateral, and feeder roots identified and the "Parts of a Tree" diagram (4-H 641B – included with manual).
- **Down in the Dirt** (pg. 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 from pg. 20 in manual) showing the color, size, and shape information. Include any unique features you noted.
- **My Couch is a Tree?** (pg. 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** (pg. 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:

Display a poster based on one of the following activities from the Level 2 manual:

- **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: CO₂, H₂O, O₂, and C₆H₁₂O₆. Be sure to balance your equation!
 - 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** (pg. 14 & 15), use a map, draw, or find a picture of Indiana on the Internet (e.g., 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 disease 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** (pg. 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** (pg. 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 (FNR-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 (or trees) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree (or trees) will be when mature. Explain why you chose the planning 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 a drawing). Reference: FNR-FAQ-18-W

Level 3:

Display a poster based on one of the following activities from the Level 3 manual:

- **A World of Forests** (pg. 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** (pg. 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** (pg. 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** (pg. 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. 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.

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

Independent Study Level:

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

Garden

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***State Fair Entry-Anyone can sign-up garden exhibits**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

All levels:

Exhibit one of the following:

- Single plate of vegetables **you grew** (maximum of five different exhibits).
- Collection of three plates, four plates, or five plates of different vegetables you grew
 - A pot (8-inch maximum) of an herb you grew (maximum of three exhibits).
- Any combination of A, B, C, or D.
- **GARDEN EDUCATION** ANY MEMBER MAY COMPLETE THE EXHIBIT OPTIONS BELOW, BUT MEMBERS IN LEVELS C AND D OF THE GARDEN PROJECT SHOULD EXHIBIT ONE OF THE FOLLOWING ACTIVITIES IN ADDITION TO THEIR PRODUCE EXHIBIT.
 - Exhibit four plates containing two cultivars of two different kinds of vegetables from you're For example: Display tomato *Rutgers* and tomato *Roma* on two plates, and spinach *Melody* and spinach *America* on two plates. Label the cultivars you exhibit with the common, Latin, and cultivar names.

EXHIBIT AND LABEL ONE UNUSUAL VEGETABLE YOU GREW IN YOUR GARDEN THIS THIS VEGETABLE MAY OR MAY NOT BE DISCUSSED IN THE 4-H GARDEN MANUALS BUT SHOULD NOT BE LISTED IN THE TABLE ON THE FOLLOWING PAGES. EXAMPLES: SPAGHETTI SQUASH OR HEAD LETTUCE.

Garden Educational Poster

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***State Fair Entry-One per county**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

- Five commonly found diseases in vegetable gardens, the damage each causes, and the control options for
- Five commonly found vegetable garden insects: (good guys) and/or injurious (bad guys), the benefits of or damage caused by each, and the related management practices—how to keep the beneficial and control the injurious insects.
- A maximum of 10 pests—diseases, insects, weeds, and/or rodents—you found in your garden this

year, the damage they caused, the control measures you used, and your

- Explain a computer garden program or mobile
- A picture story of what you did in your garden this Example: how you planned, planted, and maintained your garden.
- Show your financial
- Pictures showing your experiences in
- Explain various career options that involve working with vegetables and
- Explain types of pollinators and their importance in vegetable and fruit
- Show the different types of plant parts that humans Identify the fruit or vegetable and categorize it by root, stem, leaf, or flower.
- Different storage methods for
- How to create a raised bed or container vegetable
- Discuss how the herbs listed on page 8 of this publication are used and have been used throughout history. Include both culinary and medicinal uses as well as other unique uses, if any.

Genealogy

Division I: Year One

Division II: Year Two

Division III: Year Three

Division IV: Year Four

Advance Division: Year Five & Above

Project Requirements

***State Fair Entry One per Division**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***This project is not organized by grades but by divisions, you must complete them in order no matter the grade you start the project**

***See insert in manual for Notebook Details**

Exhibit Requirements

Division I:

Exhibit a notebook(s) that includes the following:

- An Introduction page with a recent photograph of yourself.
- Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at the extension.purdue.edu, 4-H 748Pc-W or 4-H 748Pbw-W**
- A Family Group Sheet for your parents and each pair of grandparents. Sources of information must be filled in on family group sheets (see section "Recording the Information").
- Four (4) "Additional Information worksheets": one (1) for you, the 4-H member one (1) for your parents one for each set of grandparents (total = two worksheets)
- 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.

- A diary of your work.
- 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.
- Family group sheets and additional information sheets may be submitted for current division requirements only. Notebooks should be tabbed and in the following order: Introductory Page; Pedigree Charts; Family Group Sheets; Additional Information Worksheets; Any Other Documents (label with ancestor numbers on tab) Advanced Division Options (tab each separately); and Diary of My Work.

Division II:

Exhibit a notebook(s) that includes the following:

- 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 purdue.edu, 4-H 748Pc-W or 4-H 748Pbw-W**
- 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).
- An additional information worksheet for each set of great grandparents.
- 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.
- A diary of your work.

Division III:

Exhibit a notebook(s) that includes the following:

- Five-generation pedigree chart as in Division I, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at purdue.edu, 4-H 748Pc-W or 4-H 748Pbw-W**
- Additional Family Group Sheets and information worksheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748.)
- 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.
- A diary of your work.

Division IV:

Exhibit a notebook(s) that includes the following:

- Six-generation pedigree charts as in Division I, 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 purdue.edu, 4-H 748Pc-W or 4-H 748Pbw-W**
- Additional Family Group Sheets and information worksheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the 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.
- A diary of your work.

Advanced Division:

Exhibit a notebook(s) that includes the following:

- Seventh and/or eighth-generation pedigree charts, ancestors through # 255.
- If ancestry is unknown, please indicate as Unknown. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
- Your family group sheet and additional information worksheets for generations seven and eight.
- Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).
- Any documents or pictures pertaining to these generations; correctly labeled.
- A diary of your work
- One advanced level option (see below). *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 have 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.)*
- Migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of migrations.
- 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.
- 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.

- A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
- 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.
- 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.
- 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.
- 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.
- 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.
- Family DNA history. (This can be a very expensive option) Please include charts and explanations.

Geology

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study: Grades 9-12

Project Requirements

***State Fair Entry- One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Create an exhibit to show the public some of the geology specimens you have collected.**

***Exhibit a poster or an insect display box (18" X 24"), orientated horizontally. Include actual specimens in your exhibit, whenever possible.**

***You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H Geology manuals. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly.**

***Choose one of the topics listed below from your level for the title of your display or poster.**

***You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase your specimen, indicate where and when. If you collect your specimen, indicate the county and**

township where you found your specimen.

***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 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.

***Do not identify your specimens any further than phylum and class (except for fossils in which you are to identify phylum OR class).**

***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, backboneed animals, and arthropods.

***All divisions must include a completed record sheet**

Exhibit Requirements

Level 1:

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

- **The Rock Cycle.** (Activity 2). Explain the rock cycle using both words and pictures.
- **Rock Types** (Activities 2-4). **Display rocks from the three major types:** igneous, sedimentary, and metamorphic. Examples of each include: Igneous - granite, basalt, gabbro; Sedimentary - limestone, dolomite, shale, chert, gypsum; and Metamorphic - quartzite, schist, marble, slate.
- **How Rocks Change.** (Activity 4). Color and display the picture in your book or draw and color your own on your poster. Briefly describe the earth processes that are shown.
- **Rock Artwork** (Activity 12). Display your rock artwork and the story that you created.
- **Collections.** (Activity 11). Display and identify 8
- **Making Crystal Models.** (Activities 14 & 15). Display the crystal forms characteristic of most minerals (cubic, tetragonal, hexagonal, orthorhombic, monoclinic, and triclinic) in a display box with their name and mineral with this form. You may color, paint, or use markers on your crystal models.
- **Molds and Casts.** (Molds 16 & 17). Display three molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast.

Level 2:

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:

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.
- 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 Level:

- 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."

Goat Educational Poster

(Dairy or Meat)

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Bring manual with completed activities to project check-in so that it may be checked for completion. Activities completed in the manual must be recorded on a record sheet.**

Exhibit Requirements

All Grade Levels:

Exhibit a poster, educational display, essay, notebook or videotape about one or more activities outlined in the manual or any other topic of your choice.

Hay / Forages

(Part of the Crops Project)

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

All Levels:

- Attach a 3" x 5" card to exhibit identifying what kind of forage it is i.e. alfalfa, timothy, etc.
- Exhibit your hay in a large, clear, unsealed plastic bag.

Exhibit one of the following:

- One flake or slice from a square bale
- hay from a large round bale, tied in a bundle that equals the amount of hay in one flake/slice from a small square bale.

Health

Level A: Grades 3-5

Level B: Grades 6-8

Level C: Grades 9-12

Project Requirements

***State Fair Entry One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level A: First Aid in Action - Grade 3

Exhibit Requirement Options:

- A poster on one of the following topics or any

- other topic covered in Level A.
- First Aid for Cuts and Scrapes
- First Aid for Choking.
- First Aid for Strains, Sprains, and Bruises
- A family first aid kit
- An action demonstration related to a topic covered in Level A.

Level A: First Aid in Action -Grade 4

Exhibit Requirement Options:

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

Level A: First Aid in Action – Grade 5

Exhibit Requirement Options:

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

Level B: Staying Healthy - Grade 6

Exhibit Requirement Options:

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

Level B: Staying Healthy - Grade 7

Exhibit Requirement Options:

- A poster on one of the following topics or any other topic covered in Level B.

- Nutrient rich "Power" foods.
- Healthy snacks.
- Appropriate portion sizes
- A report of three activities you completed in the 4-H manual
- An action demonstration related to a topic covered in Level B

Level B: Staying Healthy - Grade 8

Exhibit Requirement Options:

- A poster on one of the following topics or any other topic covered in Level B
- The importance of eating breakfast.
- The importance of physical activity.
- Turning everyday activities into exercise opportunities
- A report of three activities you completed in the 4-H

manual

- An action demonstration related to a topic covered in Level B

Level C: Keeping Fit - Grade 9-12

Exhibit Requirement Options:

- 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
- An action demonstration related to a topic covered in Level C.

Home Environment

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study Level: Grades 9-12

Project Requirements

***State Fair Entry– Two separate options from levels 1-3, One from Independent Study**

***All levels must complete record sheet**

***See General Project Requirements page 14.**

***4-H members at each grade level may choose from three possible exhibit categories: a furniture item and notebook, a design board and notebook, or a portfolio. Level 3 participants also have a fourth choice: independent study.**

***NOTE: Each level has several options per category from which to choose. We suggest 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.**

Exhibit Requirements

****Categories**

Furniture Item and Notebook:

A 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.

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. (See "Furniture Item and Notebook" explanation above.)

- 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
- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape with colored pencils. 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: <https://extension.purdue.edu/4h/Pages/default.aspx> 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.**
- 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, or retro). Include information explaining each style.

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. (See "Furniture Item and Notebook" explanation above.)

- 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., bed sheet 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.)
- 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.
- 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:

Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete your room along with your notebook. (See "Furniture Item and Notebook" explanation above.)

- 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., bed sheet 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.)
- Display a floor plan for a child's or teen's bedroom. Include a special "theme" appropriate for a child or teen (e.g., princess, cartoon character, music group, favorite book, 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. (Pictures of furniture are not a requirement.) Include your 3-ring notebook.
- 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 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.

Independent Study Level:

- 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 Educators and/or Home Environment project leader to make sure they have selected an appropriate topic/exhibit.

Horse Educational Poster

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

All Grade Levels:

Exhibit a poster, educational display, essay, notebook or videotape about one or more activities outlined in the manual or any other topic of your choice.

Junior Leaders

Project Requirements

***No State Fair Exhibit**

***No Champion Selected**

***Must include a completed record sheet.**

***See General Project Requirements page 14**

****Eligibility:** A 4-H member in Crawford County who is in the 7th-12th grade (during the current 4-H year).

Exhibit Requirements

- Complete the 4-H Junior Leader Manual
- Attend a minimum of four (4) regular County Junior Leader Meetings.
- Serve on two (2) committees
- Work required shifts in the 4-H Fair Food Stand
- Work Junior Leader fundraisers
- Projects will be judged according to participation in local and county activities and completion of the Junior Leader Manual.

Junk Drawer Robotics

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Exhibit one of the following using a different activity from your manual each year:

- Poster or educational display
- Notebook AND robotic item

Level 2:

Exhibit one of the following using a different activity from your manual each year:

- Poster or educational display
- Notebook AND robotic item

Level 3:

Exhibit one of the following using a different activity from your manual each year:

- Poster or educational display
- Notebook AND robotic item

Microwave Cooking

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***County Project Only (This project will be retired in 2021).**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Most food products should be displayed on a paper or foam plate.**

***For cakes - cut a piece of cardboard about ½ inch larger than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.**

***Any other product that may be sticky on the bottom, such as fruit crisps or pies, may be left in the container in which they were microwaved. Containers should be labeled so they may be returned to you following judging.**

***All canned products must have the ring on the jar top to protect the seal.**

***Whole products will be exhibited for judging. Only a slice of the exhibit or one cookie will remain for show. The rest of the product will go home after judging.**

***Recipes are required and must be placed on 5" x 8" cards and must be covered with plastic. Label your recipe card with recipe name, 4-H'ers name and division.**

***All food exhibits must be made from scratch.**

***For baked product competitions: Filling, frosting, glazing, pie filling, and meringue whether uncooked or cooked are not permitted to contain cream cheese, whipped cream, unpasteurized milk or uncooked eggs/egg whites (pasteurized eggs or eggs cooked to 160°F may be used).**

Home-canned fruits, vegetables, or meats are not permitted in products.

***Recipes must be provided that show which ingredients were used in each part of the product.**

***Judges and individuals who will consume products from county and state competitions should be informed that they are at risk for food borne illness since the established policy cannot guarantee that an entry which is a "potentially hazardous food" has been properly prepared or handled before, during or following the competition.**

Exhibit Requirements

Level A: Grade 3

- Microwave snack mix (in a package).

Level A: Grade 4

- Six squares or bars of microwave fudge.

Level B: Grade 5

- Six bars of microwave cookies or brownies.

Level B: Grade 6

- One microwave upside down cake.

Level C: Grade 7

- One microwave fruit crisp.

Level C: Grade 8

- One microwave coffee cake.

Level C: Grade 9

- One package of a microwave candy product.

Level D: Grade 10

- One microwave double layer or Bundt cake. (Note: Custards, cream, and cream cheese

fillings or frostings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Level D: Grade 11

- One microwave fruit and / or nut pie.

(Note: Custards, cream, and cream cheese fillings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Personality

Level A: Grades 3-4
Level B: Grades 5-6
Level C: Grades 7-9
Level D: Grades 10-12

Project Requirements

***County Project Only (This project will be retired in 2021).**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level A:

Project Completion Recommendations:

- Read and study workbook.
- Horizontal poster explaining one or more of the units in this workbook.

Level B:

Project Completion Recommendations:

- Read and study workbook.
- A poster explaining one or more of the units in this workbook.

Level C:

Project Completion Recommendations:

- Read and study workbook.
- **Grade 7:** A poster highlighting one community service organization in the community.
- **Grade 8:** Develop a brochure explaining the organization mission, purpose, and goals for one community service organization in the community. Include in a three-ring binder notebook and include how others benefit from this organization's services.
- **Grade 9:** A community resource guide in a binder notebook.

Level D:

Project Completion Recommendations:

- Read and study the workbook and other references (check at your libraries for books and magazines).
- **Grade 10:** A poster or display board or a binder notebook describing three possible careers.
- **Grade 11:** A binder notebook displaying a monthly budget for three months—income and expenses to live on your own.
- **Grade 12:** A binder notebook holding an employment portfolio.

Pets

Level 1: Grades 3-5
Level 2: Grades 6-8
Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Members may exhibit his/her pet along with the manual. The pet must be in a secure container; delivered during project check-in and picked up the same day by 4:00pm and the member must have adequate food, water, and ventilation. (The Purdue Extension Office Staff and 4-H Council are not responsible for pets and their security during judging.)**

***ALL ferrets MUST have a completed 2019 Vaccination Certification.**

***Pets exhibited at the fair must be non-venomous (not poisonous)**

Exhibit Requirements

All grade levels:

- Action Display/Demonstration
- One or more animals/birds fed and cared for by the member
- Complete the number of the suggested activities in the member's guide as per county guidelines

Photography

Level 1: Grades 3-5
Level 2: Grades 6-8
Level 3: Grades 9-12

Project Requirements

****REVISED 10/2018**

***State Fair Entry two entries from Level One, four entries from Level Two, and four entries from Level Three for a total of ten exhibits.**

***All images are to be original images taken by the 4-H member.**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Photos must have been taken since the last project entry date of the county fair.**

***Number photo prints on your print boards 1 to 10.**

***Captions under your photographs are not recommended nor are fluorescent posters.**

***Salon prints are one print, either Black & White or Color, printed horizontally or vertically from any size negative. *The print must be mounted on a standard 16 by 20 inch salon mount, displayed vertically and covered with plastic.**

***Sepia tone photographs (mono chromatic) are entered under the Black and 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.
- Label each exhibit with the standard county label. It is recommended that this identification label be placed in the lower right-hand corner of your poster board or salon print and under the plastic, if at all possible.

Level 1:

Exhibit Requirements

COLOR SALON PRINTS

- One (1) color print, no smaller than 7" X 9", nor larger than 11" X 14", printed horizontally or Choose either type of prints to exhibit and choose to perfect your skills in either or both: You are encouraged to try your hand at both types of film for a broader learning experience. Your prints may be a mix of digital and/or standard development.

BLACK & WHITE PRINTS

Title: "Capturing Memories"

- 10 black and white pictures, none of which is larger than 4" X 6", nor smaller than 3 1/2" X 5", mounted on a 22" X 28" poster board, displayed horizontally, on a stiff backing covered with plastic. The poster must carry the title "Capturing Memories".
- Each picture should be numbered 1-10.
- It is recommended that you use and exhibit standard processing size for your prints. Your prints may be a mix of digital and/or standard development.

COLOR PRINTS

Title: "Experiences in Color"

- 10 color pictures of standard size development, none of which is larger than 4" X 6", or smaller than 3 1/2" X 5", mounted on a 22" X 28" poster board, displayed horizontally, on a stiff backing covered with plastic. The poster must carry the title "Experiences in Color".
- Each picture should be numbered 1-10.
- It is recommended that you use and exhibit standard processing size for your prints. Your prints may be a mix of digital and/or standard development.

Level 2

You may choose from the list below:

Black & White Prints

Color Prints

Color Salon Print

Black & White Salon Print Creative/Experimental –

Black & White or Color Salon Print

BLACK & WHITE PRINTS

Title: "Photography is Fun"

- 10 black and white pictures, none of which is larger than 5" X 7", nor smaller than 2" X 3 1/2", mounted on a 22" X 28" poster board, displayed horizontally, on a stiff backing covered with plastic. The poster must carry the title "Photography is Fun".
- Each picture should be numbered 1-10.
- Your prints may be a mix of digital and/or standard development.

COLOR PRINTS

Title: "Adventures in Color"

- 10 color pictures of standard size development, none of which is larger than 5" X 7", or smaller than 2" X 3 1/2", mounted on a 22" X 28" poster board, displayed horizontally, on a stiff backing covered with plastic. The poster must carry the title "Adventures in Color".
- Each picture should be numbered 1-10.
- Your prints may be a mix of digital and standard development. Vertically mounted on a standard 16"x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

BLACK & WHITE SALON PRINTS

- 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 and displayed VERTICALLY and covered in plastic. No title is recommended.

CREATIVE/EXPERIMENTAL SALON PRINTS

- 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 and displayed VERTICALLY and covered with plastic. No title recommended.
- Must include original photograph(s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.

Level 3

You may choose from the list below:

Black & White Prints

Color Prints Color

Salon Print

Black & White Salon Print Creative/Experimental

– Black & White or Color Salon Print

BLACK & WHITE PRINTS

- 10 black and white pictures, none of which is larger than 8" X 10", or smaller than 2" X 3 1/2", mounted on a 22" X 28" poster board, displayed horizontally, on a stiff backing covered with plastic. The poster must carry a title; use your own creativity.
- Each picture should be numbered 1-10.
- Your prints may be a mix of digital and/or standard development.

COLOR PRINTS

- 10 color pictures, none of which is larger than 8" X 10", or smaller than 2" X 3 1/2", mounted on a 22" X 28" background board 22" x 28", displayed horizontally with stiff backing covered with plastic. The poster must carry a title; use your own creativity.
- Each picture should be numbered 1-10.
- Your prints may be a mix of digital and/or standard development.

COLOR SALON PRINTS

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

BLACK & WHITE SALON PRINTS

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

CREATIVE/EXPERIMENTAL SALON PRINTS

- **Any modified image may be exhibited as creative/experimental.** One (1) black & white and/or color print, or a combination no smaller than 7.5" X 9.5", nor larger than 11" X 14", printed horizontally or vertically mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

- **Must** include original photograph(s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.
- ***All divisions must include a completed record sheet.**
*See *General Project Requirements for Poster, Binder notebook, and Display Requirements.*
*Poster visually demonstrating 4-H Poultry Project knowledge

Exhibit Requirements

Beginner:

- Exhibit a poster based on an activity from the Level 1 Poultry Manual

Intermediate:

- Exhibit a poster based on an activity from the Level 2 Poultry Manual

Advanced:

- Exhibit a poster based on an activity from the Level 3 Poultry Manual

Potato Tray

(Part of the Garden Project)

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

*State Fair Entry– A County may have multiple entries, but a single member is limited to 1 garden collection, 5 single vegetables, and 3 herbs. Only one poster entry goes to State.

*All divisions must include a completed record sheet.

*Single vegetable and garden collection vegetable entries should be labeled with the common name, the Latin name, and the variety of vegetable. Latin names can be found in 4-H Garden publication 4-H 970-W found at:

<https://mdc.itap.purdue.edu/newsearch.asp>

*Any member may enter a vegetable/herb exhibit in the State Fair as long as the member has entered “Garden” as a project in 4honline by the deadline date of May 15th of the Fair year.

*See *General Project Requirements for Poster, Binder notebook, and Display Requirements.*

Exhibit Requirements

For all levels:

Exhibit the following:

- One tray full (approximately 30 potatoes but a minimum of 24 potatoes or a maximum of 30 potatoes) in a wooden box, 12 1/2” x 18” x 2” deep. Brush the soil from your potatoes. **Do not wash.** It is acceptable to polish the potatoes lightly with a dry cloth.

Poultry Educational Poster

Beginner: Grades 3-5

Intermediate: Grades 6-8

Advanced: Grades 9-12

Project Requirements

*State Fair Entry One per Division

Rabbit Educational Poster

Beginner: Grades 3-5

Intermediate: Grades 6-8

Advanced: Grades 9-12

Project Requirements

*State Fair Entry One per Division

*All divisions must include a completed record sheet. *See *General Project Requirements for Poster, Binder notebook, and Display Requirements.*

*Poster visually demonstrating 4-H Rabbit Project knowledge

Exhibit Requirements

Beginner:

- Exhibit a poster based on an activity from the Level 1 Rabbit Manual

Intermediate:

- Exhibit a poster based on an activity from the Level 2 Rabbit Manual

Advanced:

- Exhibit a poster based on an activity from the Level 3 Rabbit Manual

Reclaimed Treasure

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

*County Project Only

*All levels must complete recorded sheet

*See *General Project Requirements page 14*

*Restored antique items should be refinished, painted, required, etc. to be in “like new” form.

*Projects must be accompanied with a complete description of the project that is being exhibited in a notebook or poster the notebook or poster should contain information about your Family Heritage or Reclaimed Treasures project and pictures highlighting the restoration process. Pictures should have caption 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.

*Projects will be evaluated on the notebooks or poster, workmanship, creativity in display and 4-H member’s involvement in the overall project.

*Any work performed on restoration and repair of project not completed by 4-H member **MUST** be noted in the notebook or poster.

*Exhibits on display at the county fair will be on display at the 4-H member’s own risk.

Scarecrow Building

All Grade Levels

Project Requirements

*County Project Only

*All levels must complete record sheet

*See *General Project Requirements page 14*

*Any 4-H family can enter a scarecrow at the County Fair.

*A “Family” project may include father, mother,

single parent, grandparents, guardian, sisters, brothers, etc.

***All family members are encouraged to work on this project together.**

***Limit ONE scarecrow PER family.**

***One (1) 4-H member PER FAMILY MUST enroll in the Scarecrow Building project.**

***Scarecrows may be made out of any type of building materials; such as wood, metal or plastic. Any type of appropriate clothing material may be used except items with offensive or inappropriate verbiage.**

***SIZE: Exhibit shall not be taller than 5 feet (from bottom of holding stake to top of head covering) OR wider than 4 feet (from tip of right arm to tip of left arm).**

***Exhibit must be constructed so that it can be hung with an appropriately attached hanger or design your own stand to support or hold your scarecrow.**

***Scarecrow must be functional. This means durable and ready for field or decorative, outdoor use.**

Traditional farm apparel may be used. A "T" type construction is easiest and recommended.

***A new scarecrow MUST be made each year. The stand can be reused.**

***All scarecrows will be judged together. A "one division for all" theme will be incorporated.**

***Exhibit check-in will be the same as the Exhibit Hall check-in dates and times.**

Exhibit Requirements

All Grades Levels:

- Exhibit one (1) completed scarecrow ready to hang or able to stand alone on its own.

Scrapbook: 4-H Memories

County ONLY Project

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Scrapbook should be at least 8" x 10" in size. 12" x 12" is the most common size and will be easier to work with and find materials for.**

***Pages should be placed in plastic page protectors.**

***Place one (1) school picture or similar photograph of yourself on the information sheet and place in a page protector and insert in your scrapbook.**

***A story (limited to 2 pages maximum, printed neatly in ink, or typed on one side and doubled-spaced) emphasizing your personal growth and development, community service experiences, etc.**

***It is suggested that you use acid-free materials and Pigma pens.**

Exhibit Requirements

All Grade Levels:

Exhibit a scrapbook with the title "My 4-H Memory Book"

- Your scrapbook should be about your 4-H experiences (i.e. events, activities, awards,

trips, friends, projects, etc.)

- You must include a blank page at the front and at the back of your scrapbook to protect your work. You must also include an index page after the blank page at the front.
- Pages must be numbered.
- Pages may be front and back or front only (4-H member's choice). Pages done front and back are counted as two pages.
- Only 10 consecutive pages will be judged. If your scrapbook is bigger than 10 pages, place a note on the index page indication which 10 consecutive pages are to be judged. Be sure the note is in plain view.

Level 1:

- Ten (10) consecutive pages (if they are front and back it will be counted as two (2) pages). All pictures and memorabilia must be labeled with description, date, and place.

Level 2:

- Ten (10) consecutive pages (if they are front and back it will be counted as two (2) pages). All pictures and memorabilia must have a caption..

Level 3:

- Ten (10) consecutive pages (if they are front and back it will be counted as two (2) pages). Journaling is required on every page and at least one story is required.

Scrapbook: General

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Scrapbook should be at least 8" x 10" in size. 12" x 12" is the most common size and will be easier to work with and find materials for.**

***Pages should be placed in plastic page protectors. *It is suggested that you use acid-free materials and Pigma pens.**

***You must include a blank page at the front and at the back of your scrapbook to protect your work. You must also include an index page after the blank page at the front.**

***Pages do not need to be numbered. Count the first page after the index page as page 1 and proceed in numerical order.**

***You must exhibit ten (10) consecutive pages. Pages must be front and back. One sheet will make two (2) pages (i.e. pages 1 & 2 will be on the front and back of one sheet of paper.**

***Only 10 consecutive pages will be judged. If your scrapbook is bigger than 10 pages, place a note on the index page indication which 10 consecutive pages are to be judged. Be sure the note is in plain view.**

Exhibit Requirements

All Grade Levels:

Exhibit a scrapbook with theme of your choice except "4-H Memories" items.

Level 1:

- Ten (10) consecutive pages (if they are front and

back it will be counted as two (2) pages). All pictures and memorabilia must be labeled with description, date, and place.

Level 2:

- Ten (10) consecutive pages (if they are front and back it will be counted as two (2) pages). All pictures and memorabilia must have a caption.

Level 3:

- Ten (10) consecutive pages (if they are front and back it will be counted as two (2) pages). Journaling is required on every page and at least one story is required.

Sewing

Level A: Grades 3-4

Level B: Grades 5-6

Level C: Grades 7-9

Level D: Grades 10-12

Project Requirements

***State Fair Entry One Wearable and One Non-Wearable for each Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Store-bought items will not be accepted (i.e.) a purchased potholder that the member embroidered.**

***All items must be hand and/or machine sewn.**

***All items must be easily cared for.**

***Seam finishes are recommended on all exposed seams (except knits) for Grade 4 – 12 projects.**

***Interfacing, under stitching and trimming should be used when appropriate for Grade 5 – 12 projects.**

Exhibit Requirements

Level A: Grade 3

Include at least two of the following skills in the exhibit:

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

- Machine topstitch hems Exhibit

One of the Following:

- **Wearable:** Elastic waist shorts, pants OR skirt with fold over casing; no pockets. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.
- **Non-Wearable:** Simple pillow sham with lapped back opening and purchased pillow form (following instructions provided in manual) OR simple tote-bag with handles or drawstring. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.

- **Action Demonstration Level**

A: Grade 4

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

- Use interfacing
- Trim and grade seams
- Stay stitch and under stitch
- Work with fiberfill
- Apply a facing or binding
- Machine topstitch hems

- Stitch curved seams Exhibit

One of the Following:

- **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.

- **Non-Wearable:** 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.

- **Action Demonstration Level**

B: Grade 5

Choose at least three of these skills for each sewn exhibit:

- Match fabric design
- Sew buttons
- Sew patch or inseam pockets

- Sew with knit
- Hand-stitch a hem
- Use a simple lining
- Gather fabric
- Apply binding
- Do a machine blind hem
- Insert a zipper
- Sew a simple sleeve
- Apply machine topstitching
- Apply facings
- Use batting
- Do a machine topstitched hem
- Use a drawstring
- Apply purchased trim or ribbons
- Insert elastic

Exhibit One of the Following:

- **Wearable:** Simple shirt with sleeves OR sundress OR jumper OR simple 2 piece pajamas. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.
- **Non-Wearable:** Pillow lap quilt (quillow) OR structured duffel bag, tote-bag or backpack, OR sewn hat. Attach Sewing Skills Card (4-H 926C-W) to the exhibit.

Level B: Grade 6

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate. Choose at least four of these skills for each sewn exhibit:

- Make darts
- Sew with knit
- Insert piping
- Sew facings
- Sew tucks or pleats
- Sew a simple lining
- Set in sleeves
- Match fabric design
- Apply machine topstitching
- Apply ribbings
- Sew ruffles
- Sew patch pockets
- Insert a lapped zipper
- Use fiberfill

- Construct with a serger
- Sew a simple collar
- Hand sewn buttons
- Apply bindings
- Hand-stitch a hem
- Apply machine appliqué
- Sew inseam pockets
- Do a machine blind-hem
- Apply trim
- Do a machine topstitch
- Make buttonholes

Exhibit One of the Following:

- **Wearable:** Two (2) garments that can be worn together. Attach Sewing Skills Card (4-H 926D-W) to the exhibit.
- **Non-Wearable:** Pillow sham with button or zipper closing, appliquéd design, piping or ruffle. Make your own pillow form OR tote-bag with zipper or duffel bag with zipper, pockets and lining OR doll or pet clothes OR construction techniques sample notebook (following instructions provided in manual). Attach Sewing Skills Card (4-H 926D-W) to the exhibit.
- **Action Demonstration Level**
C: Grade 7
Choose at least five of these skills for each sewn exhibit:
 - Make darts
 - Apply machine or hand appliqué
 - Apply binding
 - Set in sleeves
 - Apply machine topstitching
 - Sew lining
 - Sew facing
 - Insert a lapped zipper
 - Apply ruffles
 - Apply ribbing
 - Insert an invisible zipper
 - Insert piping
 - Apply a collar
 - Insert separating zipper
 - Make button holes
 - Sew on buttons
 - Insert a fly front zipper
 - Use fiberfill
 - Use doll joints
 - Do machine quilting
 - Apply patch pockets
 - Apply inseam pockets
 - Do a hand-stitched hem
 - Use a twin needle
 - Apply front hip pockets
 - Do a machine topstitched hem
 - Apply tucks/pleats
 - Match fabric design
 - Do a machine blind hem
 - Construct with a serger
 - Apply trims
 - Attach cuffs
- Apply machine embroidery
Exhibit One of the Following:

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

- **Action Demonstration Level**
C: Grades 8 & 9

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

- Make darts
- Add lining
- Add plackets
- Attach cuffs
- Insert elastic
- Apply a collar
- Make tucks
- Add facings
- Add lapels
- Make pleats
- Add boning
- Insert piping
- Make sleeves
- Do hand beading
- Insert a separating zipper
- Make a neckband
- Add patch pockets
- Insert a fly front zipper
- Add gathers
- Add front hip pockets
- Insert a hand-picked zipper
- Add vents
- Add inseam pockets
- Do a hand-stitched hem
- Apply trim
- Add welt pockets
- Do a machine topstitched hem
- Sew buttons
- Match fabric design
- Do a machine blind hem
- Apply ribbing
- Use twin needle
- Make self-covered buttons
- Add underlining
- Make shoulder pads
- Use specialty threads
- Add a drawstring
- Create bound edges
- Make self-enclosed seams
- Add ruffles
- Do machine or hand quilting
- Sew with difficult fabric
- Use shaped seams
- Apply machine topstitching
- Construct with a serger

- Sew with knit
- Apply machine or hand appliqué
- Make machine buttonholes
- Use fiberfill
- Insert a lapped zipper
- Make bound buttonholes
- Make button loops
- Insert a visible zipper
- Apply machine embroidery
- Add a waistband

Exhibit One of the Following:

- **Wearable:** School Wear OR Dress Up OR Free Choice OR Suit or Coat OR Separates OR Formal Wear. Attach Sewing Skills Card (4-H 928C-W) to the exhibit.
- **Non-Wearable:** Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual.) Attach Sewing Skills Card (4-H 928C-W) to the exhibit.
- **Action Demonstration Level D: Grades 10-12**
Seam finishes are recommended on all exposed seams (except knits and non-raveling specialty fabrics). Interfacing, under stitching and trimming should be used when appropriate. Choose at least six of these skills for each sewn exhibit:
 - Make darts
 - Add a drawstring
 - Insert an invisible zipper
 - Attach cuffs
 - Add ruffles
 - Insert a separating zipper
 - Make tucks
 - Use shaped seams
 - Insert a fly front zipper
 - Make pleats
 - Sew with knit
 - Insert a hand-picked zipper
 - Add lining
 - Use fiberfill and/or batting
 - Do a hand-stitched hem
 - Insert elastic
 - Make button loops
 - Do a machine topstitched hem
 - Add facings
 - Add a waistband
 - Do a machine blind hem
 - Add boning
 - Do hand beading
 - Make self-covered buttons
 - Add plackets
 - Add patch pockets
 - Use specialty threads
 - Apply a collar
 - Add front hip pockets
 - Make self-enclosed seams
 - Add lapels
 - Add inseam pockets
 - Sew with difficult fabric
 - Insert piping

- Add welt pockets
 - Construct with a serger
 - Make sleeves
 - Match fabric design
 - Make machine buttonholes
 - Make a neckband
 - Use twin needle
 - Make bound buttonholes
 - Add gathers
 - Make shoulder pads
 - Apply machine embroidery
 - Add vents
 - Create bound edges
 - Coordination of fabric for quilted item
 - Apply trim
 - Do machine or hand quilting
 - Hand/machine beading
 - Sew buttons
 - Apply machine topstitching
 - Make a reversible item
 - Apply ribbing
 - Apply machine or hand appliqué
 - Piece quilted item
 - Add underlining
 - Insert a lapped zipper
 - Other skills not listed above Exhibit One of the Following:
 - **Wearable:** School Wear OR Dress Up OR Free Choice OR Suit or Coat OR Separates OR Formal Wear. Attach Sewing Skills Card (4-H 928c-W) to the exhibit.
 - **Non-wearable:** Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual) Attach Sewing Skills Card (4-H 928c-W) to the exhibit.
- Level C & D Wearable Outfit Options** Choose One of the Following for your Wearable Exhibit:
- **Informal or casual Wear:** A complete outfit of one or two pieces 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.
 - **Suite or Coat:** The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with a 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.

Sheep Educational Poster

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

All Grade Levels:

Exhibit a poster, educational display, essay, notebook or videotape about one or more activities outlined in the manual or any other topic of your choice.

Shooting Sports

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study Level: Grades 9-12

Project Requirements

***State Fair Entry: One per Level *All levels must complete record sheet**

***See General Project Requirements page 14**

***It is not necessary to be a member of any other 4-H club to join the 4-H Shooting Sports**

***Every child needs to successfully complete the Indiana Department of Natural Resources Hunter Education program in order to participate in the range firing activities across the shooting disciplines (shotgun, rifle, pistol, black powder, and archery).**

*** Members are asked NOT to bring their own firearms to any meeting. The program committee will provide them. You may bring eye and ear protection to the session if you own it. Otherwise, this will be provided.**

***Absolutely no horseplay will be tolerated.**

Failure to comply with the above safety instructions will result in the immediate removal of the participant in the current activity.

Evidence of any member has violated Indiana or Federal laws regarding the use of firearms will be treated the same as above. The arrest of any member for a firearms or hunting violation shall be consideration for dismissal from the entire program.

*** FIREARM SAFETY in the field, on the range, and in the home is our program's #1 Priority.**

Exhibit Requirements

- No firearms, bows, arrows or ammunition are allowed on the Indiana State Fairgrounds. (If you are doing an Action Demonstration that involves a firearm, you might use a toy or make a model firearm from plywood.)
- Projects involving firearms, bows, arrows or ammunition may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines.
- Notebooks must include detailed information about

how the project was completed with photographs documenting the work. Photographs are encouraged as they help the judges see the progress and the finished product. The notebook must include research, planning, costs, and an explanation of how the final project will be used.

- Display boxes (shadow box) must be 18 x 24 inches, not more than 3 inches deep, and displayed horizontally
- Handmade items must include information explaining how the project was made and its intended use.
- Firearms or **ready to shoot** bows are not allowed to be exhibited. **Unstrung bows are permissible.**
- Live ammunition is not allowed to be exhibited (no powder or primer)
- An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broad head 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.

Level 1:

Exhibit:

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

Level 2:

Exhibit One of the Following:

- A poster showing what was learned in the 4-H Shooting Sports project or about a topic in the Level 2 Manual
- Small project or model no larger than 18"X 36".
- Notebook, showing how a Shooting Sports item was made, or project completed.

Level 3:

Exhibit One of the Following:

Choose one of the following options:

- A poster showing what was learned in the 4-H Shooting Sports project or about a topic in the Level 3 Manual
- Project or model (any size) and explanation of costs and procedure.
- Notebook, showing how a Shooting Sports item was made, or project completed.

Independent Study Level:

- Advanced topic - Learn all you can about an advanced shooting sports topic and present it on a poster. Include a short manuscript, pictures, graphs, and list of 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."

Small Engines

- Level 1: Grades 3-5
- Level 2: Grades 6-8
- Level 3: Grades 9-12

Project Requirements

- *State Fair Entry One per Level**
- *All levels must complete record sheet**
- *See General Project Requirements page 14**
- *All members of this project may participate in the Tractor CDE driving and knowledge contest- State Fair Entry**

***Display Board Requirements**

- No more than 36" x 36" deep and free standing
- 3D Display
- All items must be securely fastened
- 4-H members exhibit card displayed in the bottom right hand corner

Exhibit Requirements

Level 1:

Exhibit One of the Following:

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

Level 2:

Exhibit One of the Following:

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

engines covered in this manual.

- Tractor CDE – See Extension Office

Level 3:

Exhibit One of the Following:

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

Small Grains

(Part of the Crops Project)

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

****OATS**

Level 1:

- Exhibit one gallon of oats. Grow one acre.

Level 2:

- Exhibit one gallon of oats. Also exhibit and label six heads of two different varieties of oats. Grow two acres.

Level 3:

- Exhibit one gallon of oats. Also exhibit two heads of grain showing disease or insect damage. Grow three acres or more.

****WHEAT**

Level 1:

- Exhibit one gallon of wheat. Grow one acre.

Level 2:

- Exhibit one gallon of wheat. Also exhibit and label six heads of two different varieties of wheat. Grow two acres.

Level 3:

- Exhibit one gallon of wheat. Also exhibit two heads of sample grain showing disease or insect damage. Grow three acres or more.

Soil and Water Science

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Use the title of your activity for the title of your poster**

Exhibit Requirements

Level 1:

Exhibit one of the following:

- Poster related to an activity from the level 1 manual
- Poster and/or notebook of a soil or water related science experiment appropriate for level 1

Level 2:

Exhibit one of the following:

- Poster related to an activity from the level 2 manual
- Poster and/or notebook of a soil or water related science experiment appropriate for level 2

Level 3:

Exhibit one of the following:

- Poster related to an activity from the level 3 manual
- Poster and/or notebook of a soil or water related science experiment appropriate for level 3

Soybeans

(Part of Crops Project)

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County Project Only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Grow not less than one acre of soybeans. Exhibit one gallon of soybeans.

Level 2:

Grow not less than two acre of soybeans. Exhibit one gallon of soybeans.

Level 3:

Increase acreage as farm project justifies. Exhibit one gallon of soybean.

Sport fishing

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study: Grades 9-12

Project Requirements

***State Fair Entry One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Use the title of your activity for the title of your poster**

Exhibit Requirements

Level 1:

Exhibit a poster based on one of the following activities from the Level 1 Manual:

- Let's Go Fishing! - Complete the Angling Self-Assessment and practice landing a fish as described in Playing a Fish. Display yourself-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 you're casting record. Optional - display a photo of you casting a regular fishing rig and your casting record with that rig.
- Hook, Line, and Sinkers- Display at least two 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:

Exhibit a poster based on one of the following activities from the Level 2 Manual:

- 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:

Exhibit a poster based on one of the following activities from the Level 3 Manual:

- A Reel Mess- Draw, take photos, or copy the reels shown in Cleaning a Reel. Label the reels, the parts of each reel, and where you might use it. Show how you cleaned a reel using pictures or drawings.
- Designing a Skill-a-thon Station- Make two skill-a-

thon 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 Level:

- Advanced Topic-Learn all you can about a sport fishing topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the references you used to describe what you did and what you learned. Title your poster, "Advanced Sport Fishing – Independent Study"
- 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 Sport Fishing - Mentor."

Sports

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County project only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

***Members are required to provide any/all audiovisual equipment needed for their project.**

Exhibit Requirements

Level 1:

- My Sports– Exhibit a poster with at least six

different pictures showing you playing the sport you have chosen for this project.

- Uniforms– Exhibit a poster showing pictures of the complete uniform to be worn for a specific sport. Include helmets, kneepads, etc. Also include any equipment needed to play your sport such as bat, racket, etc. each item should be labeled with the name and price.
- Field or Court– Exhibit a poster illustration of the dimensions of a field, court, alley, pool, etc. Each dimension should be clearly stated as well as labeled as baseline, free throw line, serving line, etc.

Level 2:

- Techniques or Skills– Exhibit a poster showing at least three techniques or skills used when playing a sport. Briefly describe how and when each technique should be executed.
- Athletes– Exhibit a poster showing at least four well-known athletes in the sport you have chosen. Include athlete's name, team (if applicable), and a list of the athlete's accomplishments. Note your sources.
- Safety– Exhibit a sports safety poster. The poster may include pictures of safety items or safety techniques that can be used to avoid injury. OR you may exhibit a poster showing first aid items that should be kept close by for sports activities.

Level 3:

- Nutrition and Training– Exhibit a poster showing the proper diet and workout schedule for an athlete in training. The poster should show a three-day menu and training schedule. Be sure to show the proper nutrition requirements. Illustrations may be added.
- Sports Venues– Exhibit a poster showing a picture or drawing of a past or present sport venue. Include the name, location, and other interesting facts about the venue. You may choose to use several pictures/drawings on this poster. Examples of items you might include: when it was built, nickname of venue, what sport(s)/teams(s) play there, special features of the venue, historic moments that occurred in the venue etc.
- Teams– Exhibit a poster showing a past or present sports team. Your poster should focus on one year in the team's history. Display a team photograph and statistics or accomplishments of the team. Be sure to include the league/conference, city, etc. of the team.
- History– Exhibit a report on the history of a sport. The report should include such things as when and where the sport was first played, legendary athletes in the sport, how the sport has changed over the years, etc. and include a list of all sources used. The report should be in the 4-Her's own words.

Swine Educational Poster

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***County project only**

- *All levels must complete record sheet
- *See General Project Requirements page 14

Exhibit Requirements

All Grade Levels:

Exhibit a poster, educational display, essay, notebook or videotape about one or more activities outlined in the manual or any other topic of your choice.

This is 4-H

(All 1st year members Grades 3-6)

This is an introductory manual that gives you the chance to learn a little about several different 4-H project before you enroll in them. This project will help new members find which projects they enjoy the most.

Project Requirements

- *County project only
- *All levels must complete record sheet
- *See General Project Requirements page 14
- *ALL first year members in grades 3-6 must complete

Exhibit Requirements

All Levels:

- Exhibit the completed "This Is 4-H" manual

Tractor

(Ag and Lawn & Garden Tractor)

- Level A: Grades 3-4
- Level B: Grades 5-6
- Level C: Grades 7-9
- Level D: Grades 10-12

Project Requirements

- *State Fair Entry One per Level
- *All levels must complete record sheet
- *See General Project Requirements page 14
- *All members of this project may participate in the Area II Tractor "CDE" Career Development Event, driving and knowledge contest, schedule for June 10, 2019 at the Washington County fairgrounds.

Exhibit Requirements

Level A:

Exhibit One of the Following Based on a Topic in the Level A Manual:

- Posters
- 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.
- Action Demonstration
- Tractor CDE – See Extension Office

Level B:

Exhibit One of the Following Based on a Topic in the Level B Manual:

- Posters
- 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.

- Action Demonstration
- Tractor CDE – See Extension Office

Level C:

Exhibit One of the Following Based on a Topic in the Level C Manual:

- Posters
- 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.
- Action Demonstration
- Tractor CDE – See Extension Office

Level D:

Exhibit One of the Following Based on a Topic in the Level D Manual:

- Posters
- 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.
- Action Demonstration
- Tractor CDE – See Extension Office

Verbal Communications

Communications Manual Levels

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Exhibit Introduction

The following verbal communication events and activities are offered to 4-H members as a way to teach presentation and public speaking skill development. They are often used in 4-H meetings, and a county 4-H youth development program may choose to offer these as competitive events. While the interactive demonstration is a non-competitive event at the Indiana State Fair, the demonstration, informative presentation, professional persuasive presentation, public speaking, and illustrated talk are competitive events. Refer to the Indiana State Fair 4-H handbook for the date, time, and location of each event. Check with your county extension educator for information about entering these events and activities.

Project Requirements

- *State Fair Event
- *All levels must complete record sheet
- *See General Project Requirements page 14

Exhibit Requirements

Level: Interactive Demonstration

***Grades 3-12**

- Any 4-H member may participate in the Interactive Demonstration.
- This is designed for the novice person, and the topic can be related to any 4-H project. The 4-H member will provide a short demonstration of no more than 3 minutes that will actively engage members of the

audience in a how-to- do skill development.

- Examples include, but are not limited to, how to use a measuring cup, how to use a ruler, how to knead dough, how to clean grooming clippers, how to crop a photo, etc.
- Props are permitted.
- Live animals and PowerPoint displays are not permitted.
- Although participants will not be judged, an adult will watch the 4-H member's interactive demonstration and will provide feedback to the member.
- The 4-H member will continually repeat their how-to interactive demonstration for the designated time period, typically 45-60 minutes.

Level: Demonstration

***Grades 6-12**

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair demonstration contest.
- This contest allows the 4-H member to show the audience step-by-step procedures how to do something related to any project:
 - Examples of a demonstration include how to take a prize winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.
- Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving their how-to demonstration to the audience from a stage or stage-like setting.
- If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available.
- Live animals are not permitted.
- There is no interaction with the audience.
- Junior members (grades 6-8) have 5-7 minutes to present their demonstration, while senior members (grades 9-12) will present their demonstration in 5-10 minutes.
- Questions may be asked of the contestants by the judges following the demonstration.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.
- The team category is for two (2) people and will be determined by the highest grade level of any member of that team. If a team is awarded the State Fair Achievement Trip, only those team members who are 14 years of age or older as of January 1 will be permitted to attend the trip. Those members of the winning team who are younger than 14 years of age will not be able to compete in a team demonstration in future years.
- The State Fair Achievement Trip may be awarded by the judges to a maximum of the top three (3) blue merit senior individual members and top (1) blue merit senior team at the discretion of the

judges. Trip winners must be of blue merit quality.

- A county may have no more than three (3) entries in each of these categories.

Level: Informative 4-H Presentation

***Grades 6-12**

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair informative presentation contest.
- This contest allows the 4-H member to present a topic of their choice related to a 4-H event, project, or activity to the audience.
- Examples of an informative 4-H presentation include the benefits of attending 4-H Round-Up, State 4-H Junior Leader Conference, Science Workshops, or Citizenship Washington Focus; the impact of a community service project on the 4-H members involved and their community; why a family should enroll their children in 4-H; how 4-H prepares a young person for the workforce or college, etc.
- Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving it to the audience from a stage or stage-like setting. If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available.
- Live animals are not permitted.
- There is no interaction with the audience.
- Junior members (grades 6-8) have 5-7 minutes to present their informative presentation, while senior members (grades 9-12) will present their informative presentation in 5-10 minutes.
- Questions may be asked of the contestants by the judges following the informative 4-H presentation.
- Categories will be Junior Individual and Senior Individual.
- The State Fair Achievement Trip may be awarded by the judges to a maximum of the top three (3) blue merit senior individual members at the discretion of the judges. Trip winners must be of blue merit quality.
- A county may have no more than three (3) entries in each of the categories.

Level: Professional Persuasive Presentation

***Grades 6-12**

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair professional presentation contest.
- Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.
- Contestants are to submit three (3) sets of accompanying handouts at registration. These handouts should not just be a copy of the presentation, but are to include supporting

documentation (graphs, charts) photos, etc.) and will be provided to the judges. It is suggested that youth practice by presenting their professional presentation to service clubs, 4-H council or fair board, government officials, or other boards.

- Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.
- Members must use a PowerPoint, Prezi, or other digital media presentation when giving it to the audience from a stage or stage-like setting.
- Other props may be used to enhance the presentation but are not required.
- Live animals are not permitted.
- There is no interaction with the audience.
- Junior members (grades 6-8) and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.
- Questions may be asked by the judges following the professional presentation.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.
- The team category is for two (2) people and will be determined by the highest grade level of any member of that team. If a team is awarded the State Fair Achievement Trip, only those team members who are 14 years of age or older as of January 1 will be permitted to attend the trip. Those members of the winning team who are younger than 14 years of age will not be able to compete in a team informative presentation in future years.
- Contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available. A wireless internet connection will be available.
- The State Fair Achievement Trip may be awarded by the judges to a maximum of the top three (3) blue merit senior individual members and top (1) blue merit senior team at the discretion of the judges. Trip winners must be of blue merit quality.
- A county may have no more than three (3) entries in each of the categories.

Level: Public Speaking

***Grades 6-12**

- Any 4-H member in grades 6-12 may participate in the Indiana State Fair public speaking contest.
- This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting.
- There is no interaction with the audience. • Props, signs, and PowerPoint presentations are not permitted.
- The topic can be of the 4-H member's choice and but must be related to 4-H.
- Junior members (grades 6-8) have 3-5

minutes to give their speech while senior members (grades 9-12) will give their speech in 5-7 minutes.

- Questions may be asked by the judges following the speech.
- The State Fair Achievement Trip may be awarded by the judges to a maximum of the top three (3) blue merit senior individual members at the discretion of the judges. Trip winners must be of blue merit quality.
- A county may have no more than three (3) entries in each category.

Level: Illustrated Talk

***Grades 3-12**

- An illustrated talk is offered at the Indiana State Fair in poultry and rabbits.
- All participants must complete the Indiana State Fair Rabbit or Poultry entry form. This completed form is to be submitted to the rabbit or poultry barn office, respective to the contest, at check-in. There is no Indiana State Fair entry fee for this event.
- Categories will be Novice (grades 3-4), Junior (grades 5-6), Intermediate (grades 7-8), Senior (grades 9-10), and Master (grades 11-12).
- An illustrated talk is for any 4-H member and allows the member to present a 5-7 minute speech to the audience on a topic related to that project while using props and/or a PowerPoint, Prezi, or other digital presentation.
- There is no interaction with the audience.
- Check the Indiana State Fair 4-H Premium book for the time, date, and location of this event.
- Entries will be accepted through the county Purdue Extension office or on-site at the poultry or rabbit show for the respective event. Check the Indiana State Fair 4-H Premium book for the time, location, and deadline to enter if entering on-site.
- Live animals that would be eligible to show in that project may be used in the illustrated talk.
- The State Fair Achievement Trip may be awarded by the judges to a maximum of the top two (2) blue merit Masters Category rabbit members and poultry members at the discretion of the judges. Trip winners must be of blue merit quality.

Veterinary Science

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Project Requirements

***State Fair Entry One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Exhibit One of the Following:

- A poster based on a topic from the Level 1 Manual

Level 2:

Exhibit One of the Following:

- A poster based on a topic from the Level 2 Manual
- A Display Board no larger than 36"x36"x36" with

an educational display based on a topic from the Level 2 Manual

Level 3:

Exhibit One of the Following:

- A poster based on a topic from the Level 3 Manual
- Develop a project in conjunction with a veterinarian. Display the project as a poster or Display Board no larger than 36"x36"x36" with a report of the results, recommendations, findings, and conclusions.
- Develop and assemble a teaching aid.
- Write a one page outline of a workshop or demonstration you presented and exhibit as a notebook.

Weather and Climate Science

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study Level: Grades 9-12

Project Requirements

***State Fair Entry One per Level**

****All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Exhibit the Following:

- 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:

Exhibit the Following:

- 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:

Exhibit the Following:

- 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 Level:

- Advance Topic-Learn all you can about a weather and/or climate 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 Weather & Climate Study – Independent Study-Independent Study"
- Mentoring- Exhibit a poster that showing 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 & Climate Science - Mentor."

Weeds

Division 1: May Do Year One & Two

Division 2: May Do Year Three & Four

Division 3: May Do Year Four & Above

Project Requirements

***County project only**

***All Divisions must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Division 1:

Exhibit the Following:

- Collect and identify 15 different weeds from the common and/or invasive plants of Indiana. Your collection of weeds must be taken from the list of common weeds in publication 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem, and root characteristics, all of which are necessary for complete and accurate identification.
- Press weeds
- Mount each individual weed on 8 1/2" x 11" board by either taping or gluing the plant to the board
- Cover the board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder
- Label (label size, 1 1/2" x 2") each weed as to:
- Name of weed (common and scientific names-remember to italicize or underline scientific names)
- Where found (lawn, garden, pasture, etc.)
- How it reproduces (seed and/or underground root parts)
- Put a copy of the record sheet in your notebook.

Year two:

- Exhibit a different set of weeds, not repeating the ones from year one.

Division 2:

Exhibit the Following:

- Collect and identify five noxious and five poisonous weeds of Indiana. Your collection of weeds must be taken from the list of noxious and poisonous weeds in publication 4-H 247-W.
- Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem and root characteristics, all of which are necessary for complete and accurate identification.
- Press weeds
- Mount each individual weed on 8 1/2" x 11" board by either taping or gluing the plant to the board
- Cover the poster board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder (punch holes of adequate size to allow easy turning of the pages in the binder).
- Label (label size, 1 1/2" x 2") each weed as to:
- Name of weed (common and scientific names--remember to italicize or underline scientific

names)

- Where found (lawn, garden, pasture, etc.)
- How it reproduces (seed and/or underground root parts)
- Put a copy of the record sheet in your notebook.

Year two:

- Exhibit a different set of weeds, not repeating the ones from year one.

Division 3:

Exhibit one of the Following:

- Exhibit an educational poster on any topic related to noxious, or poisonous weeds.
- Collect and identify 15 different weed seeds from mature plants from the list of common, noxious, or poisonous weeds in 4-H-217-W. Five of these weed seeds must be taken from the list of noxious weeds in 4-H 247-W. be aware that some weeds may be more prevalent at different times of the year. Clean the seeds and separate from the fruit (See page 3 of 4-H 247-W). Place one tablespoon of the dried weed seeds in a plastic zippered bag. Mount the plastic bags on poster. Label (label size, 1 1/2" x 2") each weed as to:
 - Name of weed (common and scientific names--remember to italicize or underline scientific names)
 - Where found (lawn, garden, pasture, etc.)
 - Annual, biennial, or perennial. Put a copy of the record sheet in your notebook.
- Attach a copy of the record sheet to the back of your poster.

All consecutive years:

- Exhibit different seeds, not repeating the ones from the year before.
- Exhibit an educational poster on any topic of your choice related to weeds

Welding

Level 1: Grades 3-6

Level 2: Grades 7-12

Project Requirements

***County project only**

***All levels must complete record sheet**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1:

Exhibit one of the following:

- A poster illustrating a butt weld, lap weld, and t-weld in the flat position
- An article or articles of your own creation which include a butt weld, lap weld, and t-weld in the flat position. Each weld must be labeled correctly. Exhibit a different article each year.

Level 2:

Exhibit one of the following:

- A poster illustrating at least one of the four welding positions (flat, horizontal, overhead or vertical).
- An article or articles of your own creation which include three of the four welding positions (flat, horizontal, overhead or vertical) and label each. Exhibit a different article each year.

***All levels must complete record sheet**

Wildlife

Level 1: Grades 3-5

Level 2: Grades 6-8

Level 3: Grades 9-12

Independent Study Level: Grade 9-12

Project Requirements

***State Fair Entry One per Level**

***All levels must complete record sheet**

***See General Project Requirements page 14**

*** List sources for images and information**

***Use the Activity Title for the Poster Title**

Exhibit Requirements

*Notebook exhibits must be displayed in a standard three ring binder

Level 1:

Exhibit the Following:

- 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:

Exhibit the Following:

- 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:

Exhibit the Following:

- 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 Level:

- Advanced Topic-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/Projects/wildlife/ for more information. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Wildlife -Independent Study"
- Mentoring -Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Wildlife -Mentor."

Wood Science

Level 1: Grades 3-4

Level 2: Grades 6-6

Level 3: Grades 7-9

Level 4: Grades 10-12

Project Requirements

****REVISED 10/2018 *State Fair Entry One per Level**

***See General Project Requirements page 14**

Exhibit Requirements

Level 1

Exhibit One of the Following:

- Woodworking project 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.
- A poster on a topic in the Level 1 manual

Level 2

Exhibit One of the Following:

- Woodworking project 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.
- A poster on a topic in the Level 2 manual

Level 3

Exhibit One of the Following:

- Woodworking project 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.
- A poster on a topic in the Level 3 manual

Level 4:

Exhibit One of the Following:

- Woodworking project 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.
- A poster on a topic in the Level 4 manual



4-H LIVESTOCK EXHIBIT HANDBOOK & PROJECT REQUIREMENTS

2020 LIVESTOCK AND ANIMAL EXHIBITOR GENERAL RULES: These rules apply to all 4-H Livestock and/or Animal project members, except as noted within the specific species rules

All 4-H Families and entrants shall follow all general rules and regulations in this handbook and the entire livestock section of this handbook. Any violation of a rule and/or regulation shall be cause for immediate disqualification from exhibiting and auctioning their animals. The penalty for a violation shall be immediate disqualification from ALL exhibits and awards forfeited and returned. You will not be able to participate for the remainder of the year. Any determination of a violation, and the enforcement of penalties, shall be within the complete discretion of Purdue Extension and the Crawford County 4-H Council. Non 4-H families involved in any infraction will be escorted from 4-H property.

***In the interest of all breeders of livestock, all exhibitors, and the Purdue Extension Crawford County 4-H Program will align with the following general terms and conditions that are presented to maintain, insure and present a wholesome, high quality educational program.

- Fraud, deception, any prohibited activities, violations of general terms and conditions, or any activity determined to be improper or unethical by Purdue Extension Crawford County 4-H shall not be allowed. Any exhibitor found in violation is subject to immediate disqualification.
- Tampering, altering, and/or misrepresentation relative to any exhibit is PROHIBITED. This prohibited activity includes but is not limited to the breeding, age, ownership, and/or method of preparation or completion. (For example, with animal exhibits, this includes, but is not limited to coloring that alters or misrepresents breed characteristics, pumping, drenching, and filling.) Unethical fitting of animal exhibits is defined as administration of any substance (to include, but not limited to, drugs, blood, oils, steroids, air, chemical substance or performance of any surgical or non-surgical procedure altering the animals configuration.)

4-H LIVESTOCK PROJECT IS CONSIDERED COMPLETED IF:

- Crawford County 4-H Member Enrollment is submitted/active via 4-HOnline.
- Instead of the traditional animal enrollment papers, exhibitors must enter their animal project Identification information in 4HOnline by May 15. *Market Steers are only exception— exhibitors must enter all Market Steer

Identification information in 4HOnline by April 1.

- Completed 4-H Project Record Sheet(s) is turned in at the Fair or a specie specific workshop was attended. Workshops approved by Extension Educators.
- An officially-recognized 4-H Leader and Extension Youth Educator verifies project completion.
- **To exhibit beef cattle, dairy cattle, swine, sheep, meat goats, dairy goats, poultry and rabbits, 4-H members must be certified through the Youth for the Quality Care of Animals.** This is an annual program that can be completed via online modules or in-person trainings. For more information about in-person trainings, please contact the Extension Office. More information about YQCA is available at <http://yqca.org>. While this is a new requirement, it should not be viewed as just another rule, but rather as an important educational opportunity for 4-H livestock members. Making this an exhibition rule is how we are ensuring that 4-H members learn about quality assurance, but it really has nothing to do with animal exhibition. The real reason we are requiring this is so youth learn best management practices with their animals. The goals of having 4-H members complete the YQCA program include ensuring that youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; that animals from youth livestock programs are treated with the utmost care, and 4-H members are contributing to a safe, wholesome food supply.

GENERAL RULES

- All vehicles must be moved from around barn during fair operating hours. Trailers are to be left at the previously designated parking spot on check in day.
- Animal Wellness must be focused upon- It is critical that every 4-H member and family communicate and works together to make sure all your animals are fed, watered, and have adequate airflow throughout your stay at the Crawford County 4-H Fair. Please also understand that clean stalls are also of utmost importance. This responsibility is part of your

project completion and assures us the ability to offer livestock exhibitions in the future. Let us show the public fairgoer- WE CARE!!

- All livestock exhibitors are responsible for cleaning up their own stalls/pens.
- Purdue Extension Crawford County will exercise care to avoid damage to any article or animal but will not be responsible for losses and/or accidents. Entries are accepted on these conditions.
- Anyone wishing to file a grievance in regards to any of the 4-H livestock/animal shows, see GRIEVANCE PROCEDURE section in this Handbook.
- Any condition pertaining to a 4-H Show that is not covered in these rules will follow the State Fair Rules.
- Any 4-H member with special needs completing a project should contact the County 4-H Extension Educator prior to the Fair.
- Animals not properly enrolled or identified **WILL NOT** be allowed to show at the Crawford County 4-H Fair. See animal ID requirements and animal enrollment guidelines.

SHOW REGULATIONS:

- A 4-H'er must show his/her own animals. In case of sickness or a conflicting 4-H event, the 4-H'er may have another 4-H'er show his/her animals if prior approval is obtained from Purdue Extension Crawford County.
- Market animals may only be exhibited at the Crawford County 4-H Fair one year (except Feeder Calves).
- Dismissal of any animal entry will be determined by the livestock committee that is considered dangerous and unsafe. Any animal showing signs of illness or being unhealthy may be sent home.

ANIMAL AFFIDAVIT:

- Upon check-in, an animal affidavit (found at <http://www.indianastatefair.com>) shall be submitted for all animal exhibits (i.e., market and breeding) in the:
 - a. Beef Cattle Department
 - b. Dairy Cattle Department
 - c. Swine Department
 - d. Sheep Department
 - e. Dairy Goat Department
 - f. Boer Goat Department
 - g. Meat Goat Department
- Other Departments (e.g., Horse and Pony) may require animal affidavits at their discretion and as part of drug testing.
- Disclosing drugs and/or alterations on the animal affidavit does not affect the imposition of penalties should there be a violation of the drug testing /examination principles outlined above.

Should testing results reveal off/extra label compound use, consideration may be given if credible veterinary disclosure and/or testimony accompanied by credible documentation citing appropriate exercise of the Animal Medicinal Drug Use Clarification Act of 1994 (AMDUCA) within an existing Veterinarian Client Patient Relationship (VCPR) at the time of treatment is provided in a timely manner when requested by State Fair officials before, not after an Appeal Process as outlined in General Terms & Conditions 34-50 has been initiated and is recorded and present on the exhibit's Animal Affidavit. Attaching accompanying veterinary documentation to support any Animal Affidavit claims is recommended.

- Failure to complete the animal affidavit shall result in automatic disqualification and may result in additional imposed penalties.

UNETHICAL FITTING OF ANIMAL EXHIBITS:

- Defined as the administration of any natural or foreign substance (to include, but not limited to, drugs, blood, oils, steroids, air, chemical substances) or performance of any surgical or non-surgical procedure altering the animal's configuration or natural conformation of any part of the animal's body, or rendering its tissues unfit for human consumption and is prohibited. Exceptions that are allowed include hoof trimming, dehorning, removal of hair, or manipulation of normally attached hair, castration, branding, tattooing, and coloring that does not alter or misrepresent breed characteristics. No decorative painting or substances shall be applied to animals prior to show or auction. Violators will not show or sell!
- The 4-H market animals shall not contain any identifiable foreign substance, including drugs, steroids, or chemicals, greater than those standards established by the United States Department of Agriculture (USDA) or Food and Drug Administration (FDA) as permissible for sale for consumption as human food.
- A 4-H animal exhibit may not be maintained at a professional fitters facilities.

CLEAN STALL/PEN EXPECTATIONS:

- All livestock exhibitors are to keep their pens clean during fair week.
- Animals must have access to clean bedding
- Rabbit & Poultry bottoms have fresh bedding and do not contain overflowing manure, water & feed
- Aisle ways around your pen should be maintained daily.

ANIMAL EXHIBITION AND OWNERSHIP:

- 4-H exhibitors are expected to show their own animals at fair.
- Each 4-H member shall own his/her own 4-H

exhibit. Ownership 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.

- A 4-H Animal may be listed on multiple siblings' 4-H Animal Identification Entries. This would be beneficial in the event of animal death or injury when the youth wants to show a sibling's project animal. Does not apply to any member outside of direct siblings.
- Dairy heifers, horses, and ponies may be leased subject to approval by County Extension Educators.
- 4-H animals are expected to be in the personal possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by Purdue Extension Crawford County) from the animal enrollment deadline until the conclusion of the County and/or State Fair. NOTE: This term/condition does not apply to the horse & pony program where a parent MAY also show the horse or pony after it has been enrolled in the 4-H Program.
- 4-H animals purchased, sold, or offered for sale after the enrollment deadline and prior to the County Fair, shall not be eligible to show at the County Fair.
- 4-H animals exhibited after the animal enrollment deadline (April 1st for steers and May 15th for all other animals), under a different name than the person listed on the Indiana 4-H animal enrollment form shall not be eligible to be shown at the county fair. This means that if the animal is exhibited at any show by anyone other than a person listed on the Indiana 4-H animal enrollment form, the animal will not be eligible to be shown in the 4-H show at the county fair. This term/condition does not apply to siblings, who may show each other's animals at any show during the year without jeopardizing State Fair eligibility, regardless of whether or not the sibling is a 4-H member.
- 4-H members showing registered beef, Boer goats, dairy, dairy goats, sheep, and swine must present an original registration certificate at fair check-in showing that the exhibitor owns the animal being exhibited, as per ownership terms, on or before the May 15th enrollment deadline and continuously until 4-H show day at the Indiana State Fair.
- All Indiana State Fair 4-H animal Ownership Rules will apply. 4-H breeding beef, Boer goats, dairy goats, sheep, and swine must be registered in one of the following ownership methods:
 - ◆ In the 4-H member's name
 - ◆ John Smith and Sons
 - ◆ John Smith, Sons and Daughters

- ◆ John Smith and Family (family includes sons, daughters, and legal guardian youth only)
- ◆ Mark Smith (brother) and Mary Smith (sister)
- ◆ Family corporations, where the 4-H member's name appears as a holder of stock in the corporation.
- ◆ Family partnership where the 4-H member's father, mother, brother, sister, aunt, uncle, grandparent, and/or legal guardian is also in the family partnership and the 4-H member's name appears on the legal, notarized partnership.

4-H LIVESTOCK/ANIMAL RECORDS:

- **4-H Livestock Record sheets are due by the end of livestock check-in. Extension Educators and Club Leaders will check and record them.**
- It may be appropriate for some species to have records commence as early as the fall of the previous year, such as Beef or Sheep.
- If a member attends a specie specific workshop they do not have to complete their livestock record sheet for that specie (Extension Educator approved).

LIVESTOCK SHOWMANSHIP:

- Showmanship applies to the following projects; Beef Cattle, Dairy Goats, Specialty Goats, Dairy Cattle, Swine, Poultry, Sheep, Rabbits, and Horses.
- Contestant must be enrolled in the project during the current year to compete in showmanship for that species.
- **CONTESTANTS MUST SHOW THEIR OWN ANIMAL IN ALL SHOWMANSHIP CLASSES.** (Siblings who share animal project responsibilities may show the same animal in showmanship classes.)
 - **Senior Showmanship Level:**
4-H exhibitors in Grade 9 and above
 - **Intermediate Showmanship Level:**
4-H exhibitors in grades 6-8
 - **Junior Showmanship Level:**
4-H exhibitors in grades 3-5

** Jim Ade 4-H Round Robin Showmanship Contest **

- All Champion 4-H Showmanship specie winners will show each animal species to determine the overall Round Robin showman.
- Participants: Overall Senior Showmanship winners in the following species: Beef, Sheep, Swine, Dairy Goats, Market Goats, and Dairy

Cattle (if numbers allow). In the case of a Senior Showman denies opportunity, the Intermediate Champion showman for that species is invited.

- The purpose of the Crawford County 4-H Round Robin Showmanship Contest will be to determine an overall showmanship winner in six different livestock species.
- The Crawford County 4-H Round Robin Contest will be strictly a showmanship contest based on technique and knowledge of each species.
- If a participant wins more than one species, he/she will choose which specie they will represent or if a qualifier declines to be in the contest, the next highest placing participant (first alternate) in that species will be named to participate.
- Order of Show (subject to change): Dairy Goat, Swine, Market Goat, Sheep, Beef Cattle & Dairy Cattle (if numbers allow).
- Animal/youth pairings will be determined by Extension Educators and random drawing.
- The 4-H Livestock Committee will select Round Robin livestock prior to Non-auction animal check out. Animals will be provided for contest.
- Ranking: Judges will rank the showmanship skills of the individuals in each of the animal categories. Rankings from the species performance contests will be added to compute the overall contest winner.
 - Judging: As in any livestock competition, the judges reserve the right to ask questions. Decision of the judges will be final. In case of a tie, judges will select the method of choosing a winner.
- Awards will be announced at the conclusion of the contest.

4-H ANIMAL HEALTH AND ID REQUIREMENTS

ANIMAL HEALTH REQUIREMENTS FOR EXHIBITION OF DOMESTIC ANIMALS IN INDIANA

GENERAL REQUIREMENTS FOR ALL SPECIES

This section describes the Indiana State animal health requirements for all animal exhibitions in the state. HOWEVER, exhibition organizers may impose additional animal health requirements as a condition of entry. BOAH recommends contacting the exhibition organizer for specific information about requirements for each event. Please call the Indiana State Board of Animal Health at 1-877-747-3038 with questions concerning animal health requirements.

LIMITATIONS ON EXHIBITION:

This section describes limitations on exhibiting

animals in Indiana. There may be other exhibition limitations that are described in the specific species requirements. Failure to meet all animal health requirements will result in removal of animals from the exhibition premise. The following animals are not eligible for exhibition in Indiana:

- Animals that originate from a herd that is under quarantine.
- Any animal classified as a brucellosis "suspect".
- Animals showing symptoms of any infectious or communicable disease or that are a health hazard to persons or other animals.
- Any animal that does not meet state animal health requirements.
- Any animal that develops or shows signs of any infectious or communicable disease during exhibition must be removed from the premise including the surrounding exhibition grounds.

TESTING:

- All tests required for exhibition must be conducted at the Animal Disease Diagnostic Laboratory (ADDL) at Purdue University, a laboratory approved by the Indiana Board of Animal Health or a state-federal-approved laboratory.
- DNA hair samples are ONLY required for 4-H Beef and Swine animals competing at the 2018 INDIANA STATE FAIR. Sample envelopes are available at the Purdue Extension Crawford County Office.

CERTIFICATES OF VETERINARY INSPECTION:

- For animals that originate in Indiana, contact the exhibition organizer to determine the certificate of veterinary inspection (CVI) requirement, if any. Not required for Crawford County 4-H Fair.
- For animals that originate outside the State of Indiana, the exhibitor must have a properly completed official certificate of veterinary inspection (CVI, commonly known as "health papers") for the animal.
- A certificate of veterinary inspection on any animal coming from outside Indiana for exhibition in Indiana is valid for 30 days from the date it is issued. Certificates of veterinary inspection accompanying animals for exhibition must be completed by a licensed and accredited veterinarian who has personally inspected the animals and must clearly include a description of each animal including the age, sex, and breed of the animal, and the official identification for each animal. Certificates of veterinary inspection for all out-of-state swine and cattle going to the Indiana State Fair must have the import permit number for the Indiana State Fair, "INSF20", written on the certificate. A copy of the official certificate of veterinary inspection for each animal exhibited must be on file at the state veterinarian's office prior to the opening

day of the exhibition. Species Health Requirements for cattle, sheep, goats, swine, poultry, and horses. For more information on health requirements, call the Indiana Board of Animal Health at (317) 544-2397.

ANIMAL IDENTIFICATION REQUIREMENTS:

- Entering the correct animal ID information is the 4-H Family's responsibility via 4-HOnline. Paper documents for good record keeping and 4-HOnline assistance are available at the Extension Office. Contact the Crawford County Purdue Extension Office for assistance with 4-HOnline animal registration or any 4-H livestock questions.
- All exhibition animals must be permanently and individually identified by an acceptable method. Acceptable methods vary by species but may include an ear tag, legible tattoo, standard ear notch, and individual brand or breed registration number.
- Premise ID is a State Law. Exhibitors are required to enter premise ID # through 4HOnline. Any questions, please contact your Purdue Extension 4-H Educators.
- The below ID types (See Animal ID Chart) are required to be in Indiana 4Honline by the respective deadline. Any of these ID's that are missing, incomplete or incorrect could result in state fair ineligibility.
- DNA hair samples are required for specific species (See Animal ID Chart). 4-H Sample envelopes are available at the Purdue Extension Office.

4-H ANIMAL ID PER SPECIES AND GENDER CHART

Species:	Required ID:	Deadline:
Beef and Dairy Beef Steers	840-RFID Tag and 5-digit County Tag and DNA Hair Sample	April 1
Commercial and Market Heifers	840-RFID Tag and 5-digit County Tag and DNA Hair Sample	May 15
Beef, Registered Heifers	840-RFID tag and Tattoo and DNA Hair Sample	May 15
Dairy Cattle	840-RFID tag and animal's registered name and registration number (or dam's registration number)	May 15
Dairy Goat Females, Registered Wethers	Breed Registry Tattoo 5-digit County Tag or Tattoo	May 15
Meat Goat Wethers	840-RFID Tag and 5-digit County Tag and DNA Hair Sample	
Boer Goat Females, Registered	Breed Registry Tattoo and DNA Hair Sample	May 15
Market Goat Does (Wether Dams)	840-RFID Tag and 5-digit County Tag and DNA Hair Sample	
Pygmy Goats Registered	Breed Registry Tattoo or Microchip that Matches Registration Papers	
Unregistered	Official USDA Scrapie Tag or Official Scrapie Tattoo	May 15
Horses and Pony	Color Picture and vaccination form (completed and kept on person for all shows)	May 15
Llama and Alpaca	Color Picture	May 15
Sheep		
Market Lambs	840-RFID Tag and 5-digit County Tag and DNA Hair Sample	
Commercial Ewes	840-RFID Tag and 5-digit County Tag/or official scrapie tag and DNA Hair Sample	May 15
Registered Ewes	840-RFID Tag and ID that matches registration Papers and DNA Hair Sample	
Swine	840-RFID Tag and Ear Notch and DNA Hair Sample *Swine influenza vaccination record required with animal ID paperwork	May 15
Rabbits	Tattoo	May 15
Poultry	4-H Poultry ID Worksheet (white carbon copy turned in to Extension Office). Poultry are NOT enrolled via 4HOnline.	May 15

2020 Indiana 4-H Animal Identification: The following table lists the different animal species and the respective form of identification that is required for a 4-H member to be eligible to show in the 4-H livestock shows at the 2020 County Fair & Indiana State Fair. The animal ID information must be entered in the Indiana 4HOnline enrollment system by the respective deadlines. Missing, incomplete or incorrect animal ID information could result in county fair & state fair ineligibility for that particular animal.

LIVESTOCK ARRIVAL/STALLING/RELEASE PROCEDURES:

- Crawford County follows state health requirements for livestock and animal projects.
- It's the responsibility is for the 4-H member and/or family member to check in animal projects.
- All livestock must be checked-in by Purdue Extension's Fair Entry System. Fair Entry livestock exhibit cards will be handed out to youth participants at fair check-in.
- There is no stall/cage/pen fee for 4-H entries.
- Each 4-H Exhibitor must bed his/her animal with bedding, water container, feed container, and feed. 4-H'er is responsible for feeding and care of animal unless other arrangements are made.
- Youth exhibitors provide their own pen bedding/shavings.
- Fans must have proper safety-approved shrouds. No free standing fans will be allowed in the barn.
- NO taped extension cords allowed in the Livestock Barn. Safety hazard.
- The Crawford County Livestock Club will furnish clean-up equipment, such as broom, shovel/scoop, wheel barrows, etc. Clean-up is to be done daily. Waste must be placed in the manure spreader that is provided.
- All stalls/cages/pens must be kept clean and well-bedded at all times. A manure spreader will be on the grounds for 4-H member to dispose of manure, and other animal waste.
- All 4-H stalls/cages/pens and areas under and nearby must be cleaned upon leaving.
- Livestock trailers shall be parked in the designated area after animal check in.
- All animals must be contained within the livestock fenced area and barns at all times during the 4-H Fair.

LIVESTOCK SET-UP / ARRIVAL / WEIGH-IN SCHEDULE:

- All livestock exhibitors/4-H Families are expected to assist.
- All livestock must be checked-in by Purdue Extension's Fair Entry System.
- Fair Entry livestock exhibit cards will be handed out to all youth participants at fair check-in.

- The 4-H'er or his/her representative must be present when animals are weighed.
- All weights are final. The livestock scales are only to be used for official weights. The scales are NOT to be tampered with at any time. The scales are not test scales.

LIVESTOCK RELEASE SCHEDULE / CLEANUP:

- All non-auction animals will be released prior to the livestock auction.
- Exhibitors must have non-auction animals checked out prior to the Round Robin Contest
- All auction animals must remain on grounds for the auction.
- Sold animals will load out at the conclusion of the auction.
- Exhibitors are encouraged to stay and assist with the load out of their 4-H auction animal. Livestock committee & 4-H Volunteers will assist with loading animals.
- All livestock must be out of the barn at conclusion of auction.
- All exhibitors/4-H Families are required to assist with clean up following auction animal load out.
- The cleaning up process will NOT start until all animals are out of the barn.
- Safety of all people and animals are our number one priority during clean up.

BARN CLOSING/OVERNIGHT POLICY:

NOTE: Effective January 1998, Purdue University no longer provides liability coverage to 4-H leaders and staff during overnight stays at Fairs unless the 4-H Youth participant(s) are accompanied by his/ her parent or legal guardian at all times.

4-H LIVESTOCK AUCTION

NOTE: Auction checks will not be distributed the night of the Livestock Auction. Checks will be available for pick-up at the Crawford County Purdue Extension Office only after verification of bank deposit. Youth will be notified when checks are ready.

An individual 4-H Exhibitor may sell TWO (2) 4-H Livestock projects combination of large or small animals

Large Animals include: Steer (Beef or Dairy), Market Lamb or Market Ewe, Meat Goat Wether or Market Goat Female, Market Barrow or Market Gilt. All must be shown as market animals.

Small Animals include: Rabbit, Rabbit Meat

Pen (three animals- Market pen is considered a single animal.), Poultry, and Poultry Meat Pen- Meat class is considered a single animal.)

AUCTION INFORMATION

LIVESTOCK SELLING FEE:

- Large Animal selling Fee= \$20.00
- Small Animal selling Fee= \$10.00

NOTE: This fee covers expenses including, but not limited to, advertising, auction expenses, transportation, and check-off costs (\$1.00 per swine, sheep, and beef).

- The exhibitor's auction fee(s) will be invoiced to each 4-H exhibitor at the conclusion of the sale. Money will not be taken out of their livestock auction check.
- Grand Champion and Reserve Grand Champion will automatically be first in sale order.
- Auction Sale Order will be determined; Sell booklet printed by Fair Entry; Purdue Extension Crawford County 4-H.
- Animals sold are ineligible to show at the Indiana State Fair.
- All animals entered in the auction must be market animals and properly withdrawn from all medication. No animals may sell if exhibited as a breeding exhibit.
- All animals for sale must have been weighed, tattooed, or tagged during the respective weigh-in times.
- Painting or use of decorative substances will not be allowed for show or sale (all animals).
- 4-H member must sell his/her own animal unless approved.
- All livestock members who intend to sell an animal at this summer's 4-H Livestock Auction MUST have completed YQCA certification.
- Any withdrawals cannot be reinstated in the sale.
- ALL SALES of animals are final.
- **SOLD Animals are NOT Indiana State Fair eligible.**
- Auction Rules are subject to change by Livestock Committee which are approved by the Purdue Extension 4-H Youth Developments Educators.
- Participation in 4-H livestock animal shows and selling in the 4-H Auction are considered a privilege, and the 4-H member must confirm to the rules contained herein.

4-H LIVESTOCK PROJECTS

4-H Animal Deadlines/Dates to Know!

- **4-H youth exhibiting livestock this year are required to pick up animal ID tags at the Purdue Extension Crawford County Office located at 2803 South SR 66, Marengo, IN 47140.**
- 4-H livestock exhibitors must enter their animal Identification information in 4HOnline by respected deadlines. 4-H exhibitors must also turn in all Animal ID worksheets (white carbon copy) along with an attached photo verification of your tagged animal(s) to the Extension Office by the respected deadlines list in the Animal ID chart.
- Animal ID verification photos can also be emailed to the Extension Office at knigh105@purdue.edu. Youth Educators and 4-H Livestock Superintendents are available to assist youth with 4-H animal ID at request.
- There will be no market rate of gain competition this year.
- 4-H Animal ID tags are \$5/tag.

Wednesday, April 1, 2020

All beef and dairy market steers must be identified in 4HOnline. Contact the Extension Office for animal ID tags. DNA hair samples for market steers are to be accepted at the Extension Office through the end of day April 1.

* DNA samples required for State Fair steers only.

Friday, May 15, 2020

All beef heifers, dairy beef feeder steers, sheep, swine, dairy cattle, goats, rabbits and horses must be identified in 4Honline.

- DNA hair samples for State Fair sheep, goats, swine, beef registered heifers, beef commercial heifers and dairy feeder steers are to be accepted through the end of day on May 15 at the Extension Office.

..... BEEF

BEEF IDENTIFICATION

1. **4-H exhibitors must enter their Beef Identification information in 4HOnline by May 15. *Market Steers are only exception-exhibitors must enter all Market Steer Identification information in 4HOnline by April 1.**
2. All 4-H beef cattle must be identified with an 840-RFID tag. 4-H Steers must be weighed and identified with an RFID tag, in addition to county ear tag and/or ear tattoo, & identified in 4HOnline by April 1.
3. All Commercial Heifers must be identified with an RFID tag in addition to county ear tag and/or ear tattoo, and identified in 4HOnline by May 15.
4. All registered animals must be identified by

tattoo on official registration papers, as well as on RFID Tag and identified in 4HOnline..

BEEF REQUIREMENTS

1. Youth must complete YQCA certification.
2. Complete 5-7 activities in the Beef Manual and submit at check-in with the completed Livestock record sheet.
3. No horns on steers and registered heifers at 6 months of age or older. Horns not to exceed 1 inch in length measured from the hair line.
4. All heifer and steer registration papers will be checked at the 4-H Fairgrounds, as determined by the 4-H Livestock Committee.
5. All 4-H Beef project books and records are due to the project leader at weigh-in at the fair to be eligible to show.
5. In case an animal becomes unruly in the show ring, there will be a designated committee member to assist, and determine if the animal should be removed from the show ring. If the animal is excused, it will receive a participation ribbon.
6. No unnatural fitting of animals will be allowed, such as pumping of air or any substance under the skin, or pumping of any fluids into the animal, or any other inhumane treatment. Use of artificial hair is prohibited. Only natural hair growing in original location is permitted. No gluing of the skin to alter the configuration of the animal.
7. No false switches.
8. Beef halters and neck ties required for all beef cattle.
9. Steers will be shown by breed and weight.
10. Commercial heifers will be shown by weight.
11. No floor fans are allowed in the livestock barn. All fans must be mounted on an existing structure or fan cage. Fans on stands will not be allowed.
12. Fans must have proper safety-approved shrouds. NO free standing fans will be allowed in the barn.
13. NO taped extension cords allowed in the Livestock Barn. Safety hazard.
14. Grooming chutes are allowed to be left in the barn. Be curiosity of space. With growing numbers it is limited.
15. Feed and water pans must be managed by 4-Her. Animals can be fed and/or watered at anytime.
16. Barn must be cleaned in preparation for the viewing public at all times.
17. Anything not covered by the above rules will be subject to the discretion of Purdue Extension.

STATE FAIR BEEF

- It is still important for 4-H members to bring their registration papers to state fair check-in. Tattoos will be verified with the registration papers.
- If registration papers are in doubt, have your animal ear tagged by Tag ID Day in order to exhibit in the crossbred classes.
- Market Heifers will be offered as an individual breed as part of the 4-H Market Beef Show. 4-H Market Heifers will show as a market animal during the 4-H Market Beef Show (formerly steer show day). 4-H Market Heifers will be shown by weight, and classes/divisions will be divided using weight only. 4-H Market Heifers will be subject to all the same rules as a market steer with regards to using the declared weight system, animal testing and if chosen as a Top 5 4-H Market Beef animal, the Champion 4-H Market Heifer will be harvested with the other Top 5 Market Beef animals.
- Indiana 4-H Slick Steers will be offered as an individual breed at the Indiana State Fair. The Champion Slick Steer will compete for Grand Champion like all other breed champions. Indiana Slick is different than what most people would typically think of when picturing Slick Steers and it's not the same as "Texas" style Slick Steers. Indiana Slick means: all steers must be clipped to hair length of less than ¼ of an inch from the knee on front legs and the hock on rear legs, up, and throughout the shoulders, front, body, top and hind-end. Indiana Slick Steers are allowed to have hair at the tail head, ears and belly line. Hair length will be inspected and measured at 4-H Steer check-In & Weigh-In.
- Any 4-H'er desiring to show steers or heifers at the Indiana State Fair must complete the proper online entry at http://www.in.gov/state_fair/fair/
- Extension office will not mail out the paperwork. Must include Premise ID on State Fair entry forms. Commercial Heifers and Steers for State Fair entry must have received RFID tags and 5-Digit county tags at county level.
- Registered animals whose papers do not meet the ownership guidelines outlined in the Policies and Procedures handbook will not be able to exhibit in purebred class. Animals will be moved to crossbreed.

BEEF DIVISIONS & CLASSES

DIVISIONS (BREED):

Angus

Red Angus

Belted Galloway	Red Poll
Charolais	Santa Gertrudis
Chianina	Shorthorn
Gelbvieh	Polled Shorthorn
Hereford	Shorthorn Plus
Limousin	Simmental
Maine-Anjou	Sim-Solutions
Mainetainer	Crossbred- "commercial" Salers

CLASSES:

- Heifer
- Steer
- Cow-Calf Pair

Heifers -

***Commercial (Non-Registered) Heifers will be shown by weight classes**

- Junior heifer calves; born after Jan. 1, 2020 to Feb. 28, 2020.
- Winter heifer calves; born Nov. 1, 2019 to Dec. 31, 2019.
- Senior heifer calves; born Sept. 1, 2019 to Oct. 31, 2019
- Late summer yearling heifers; born July. 1, 2019 to Aug. 31, 2019.
- Early summer yearling; born May 1, 2019 to June 30, 2019.
- Junior yearling heifers; born Jan. 1, 2019 to Feb. 29, 2019.
- Senior yearling heifers; born Sept. 1, 2018 to Dec. 31, 2018.

Cow - Calf Pair -

- Registered and Commercial classes

Steers -

***Classes divided by breed and weight Division = Breed**

Class = Weight

***Feeder steers will show for overall grand and reserve grand champion market steer.**

- Feeder - 899 lbs. and lighter
- Light Weight - 900 - 1,000 lbs.
- Intermediate Weight - 1001 - 1,100 lbs.
- Medium Weight - 1,101 - 1,200 lbs.
- Heavy Weight - 1,201 - 1,300 lbs.
- Super Heavy Weight - 1,301 lbs. & over

***Officials may alter classes to provide balance in class size.**

BEEF SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

COUNTY BORN & RAISED COMPETITION

- Offered within each Steer and Female Class.
- Animals entered in the competition must be identified as born and raised in Crawford County, Indiana in 4-HOnline and ID Paperwork by respective deadlines.
- This is the 4-Hers responsibility. Proof of location of birth must be available, such as: bill of sales, registration paper, or proof of dam's ownership at time of the animal's birth.
- No county born and raised will be corrected at Fair time!

----- DAIRY -----

DAIRY IDENTIFICATION

1. 4-H exhibitors must enter their Dairy Identification information in 4HOnline by May 15.
2. All 4-H beef cattle (including dairy beef) must be identified with an 840-RFID tag. (See animal ID chart).
3. Animals "in milk" must show in cow class.
4. No bulls will be shown.
5. All steers must have both testicles completely removed from the body to be eligible to show.

DAIRY REQUIREMENTS

1. Youth must complete YQCA certification.
2. Complete 5-7 activities in the Dairy Manual and submit at check-in with the completed Livestock record sheet.
3. All animals must meet State Fair health rules. Health requirements will be those published each year by the State Board of Health.
4. The decision of the judge is final.
5. Animals must be in 4-H Member's possession and enrolled by MAY 15 as required by state 4-H enrollment.
6. 4-H Animal Lease Agreements available if needed.
7. All Registered dairy animals must be identified by tattoo on official registration papers, as well as on RFID Tag and identified in 4HOnline.
8. All purebred animals must have registration papers, must be identified by

a tattoo on official registration papers, as well as an RFID tag, and identified in 4HOnline.

9. There is no limitation on number of times a female animal may be shown as long as she falls in an age group as published in this book.
10. It is recommended that 4-H Dairy female exhibitors wear a white shirt or blouse in the show ring. 4-H emblems and or breed insignia are permissible.
11. Cattle over 300 lbs. **MUST** be dehorned. Tipping is not acceptable. Scurs or horns longer than 1" will not be permitted to show and will be sent home.
12. No freshly banded, castrated, crimped, or freshly dehorned animals will be allowed to show.
13. Owner or representative must be present to weigh animals.

DAIRY DIVISION & CLASSES

DIVISIONS :

Ayrshire	Holstein
Brown Swiss	Jersey
Guernsey	Milking Shorthorn

CLASSES:

- Spring heifer calf; born March 1, 2020 to May 15, 2020
- Winter heifer calf; born Dec 1, 2019 to Feb 28, 2020
- Fall heifer calf; born Sept 1, 2019 to Nov 30, 2019
- Summer yearling heifer; born June 1, 2019 to Aug 31, 2019
- Spring yearling heifer; born March 1, 2019 to May 31, 2019
- Winter yearling heifer; born Dec 1, 2018 to Feb 29, 2019
- Fall yearling heifer; born Sept 1, 2018 to Nov 30, 2018
- Yearling heifer in milk; born Sept 1, 2018 or later (Brown Swiss, Jersey, Milking Shorthorn)
- Junior 2-year-old cow; born March 1, 2018 to Aug 31, 2018
- Senior 2-year-old cow; born Sept 1, 2017 to Feb 28, 2018
- Junior 3-year-old cow; born March 1, 2017 to Aug 31, 2017
- Senior 3-year-old; born Sept 1, 2016 to Feb 28, 2017.
- 4-year-old cow; born Sept 1, 2016 to Aug 31, 2017
- 5-year-old cow; born Sept 1, 2014 to Aug 31, 2015.

- Aged cow six years and older; born prior to Sept 1, 2015
- Aged cow (dry); born prior to Sept 1, 2015

Dairy Feeder Calf -

- Steers and heifers born after January 1st of the calendar year may be shown as feeder calves. These animals may be shown the next year.
- They must be entered and enrolled via 4-HOnline.

DAIRY SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

COUNTY BORN & RAISED COMPETITION

- Offered within each Class.
- Animals entered in the competition must be identified as born and raised in Crawford County, Indiana in 4-HOnline and ID Paperwork by respective deadlines.
- This is the 4-Hers responsibility. Proof of location of birth must be available, such as: bill of sales, registration paper, or proof of dam's ownership at time of the animal's birth.
- No county born and raised will be corrected at Fair time!

----- GOAT -----

IDENTIFICATION & REQUIREMENTS

1. 4-H exhibitors must enter their Goat Identification information in 4HOnline by May 15.
2. Complete 5-7 activities in the Goat Manual and submit at check-in with the completed Livestock record sheet.
3. All goats are required to attend tag day.
4. **Youth must complete YQCA certification.**
5. Incorrect, missing, or incomplete animal ID information will deem the goat ineligible for county/state fair.
6. Premise ID # will be required on the livestock Animal ID forms. If you do not have a number, go online to BOAH to register your residence.
7. If you are exhibiting a female in the market class it will not be allowed to show in the breeding class.
8. All wethers must have both testicles completely removed from the body to be eligible to show.
9. Re-growth of disbudded horns not more than two inches is permitted.
10. It is important to note that the registration paper is still needed at state fair check-in. The tattoo will be verified and must be identical in the animal, on the enrollment form and on the

registration paper.

***DNA Samples**

- Required for State Fair bound goats (meat goat wethers and dairy goat wethers).

DAIRY GOAT REQUIREMENTS

1. Registration and Age Requirements- All animals exhibited must be purebred, American or Recorded Grade.
2. A registration or recordation certificate is required for all animals six (6) months-of-age or older. A stamped duplicate application or stamped faxed duplicate application showing the date received by the office which is valid for 30 days is required for all animals under 6 months-of-age.
3. No copies of the registration certificate or recordation certificate or the stamped-duplicate will be accepted by the dairy goat show officials.
4. All 4-H dairy goats must have a readable tattoo identical to the 1 recorded on their registration paper and the goat enrollment form. Only 1 number sequence per ear (or per tailweb) will be permitted.
5. All dairy goats exhibited must be registered with the American Dairy Goat Association, American Goat Society or the Canadian Goat Society. The original registration or recording certificate for all animals of all ages is required.
6. Purebred and Recorded classes will be offered.
7. Purebred is considered third generation down from a known cross.
8. All goats must wear a collar and have ties available if needed.
9. No bucks will be shown.
10. All wethers must have both testicles completely removed from the body to be eligible to show.
11. Dry Doe classes will be offered if necessary.
12. All goats need to be disbudded to show.
13. Re-growth of disbudded horns not more than two inches is permitted.
14. Dairy goat wethers should be enrolled with a 5-digit county tag or a tattoo.

MEAT & PYGMY GOAT REQUIREMENTS

1. Each breeding doe must be identified by their tattoo in Indiana 4-H Online. This number must match the corresponding number on the animal's registration paper during check-in for the animal to be eligible for the 4-H Boer goat show.
2. Meat goats entered in the Indiana State Fair must be owned and cared for by the 4-H member by May 15 and remain in the same continuous ownership until show day at the Indiana State Fair.
3. Registration- A registration certificate is

required for all goats (except wethers).

4. No copies of a registration certificate or stamped duplicate of official registration will be accepted.
5. All goats must wear collar and have ties available if needed.
6. No bucks will be shown.
7. All wethers must have both testicles completely removed from the body to be eligible to show.
8. Meat and pygmy goats can be shown with or without horns.
9. If you are exhibiting a female in the market class it will not be allowed to show in the breeding class.

GOAT DIVISIONS & CLASSES

GOAT DIVISIONS (BREED):

Alpine	Sable
Lamancha	Sannens
Nigerian Dwarf	Toggenburg
Nubian	Dairy Wether
Oberhasli	Recorded Grade

DAIRY DOE CLASSES:

Yearling Dairy Doe (Dry) -

- Junior doe; born between April 1 and May 15, current year
- Intermediate doe; born March 1 to March 31, current year.
- Senior doe; born Jan 1 to Feb 28, current year.
- Yearling doe; born Jan 1 to Dec 31, previous year

Senior Dairy Does (Milking) -

- Doe; 1 year and under 2 years
- Doe; 2 years and under 3 years
- Does; 3 years and under 5 years
- Does; 5 years and older
- Mother and Daughter; consist of two does, any age, so long as one is the daughter of the other
- Produce of Dam; to consist of two does, any age, the produce of one dam. Each exhibitor is limited to one entry by the same dam. Dam is not shown in this class, but should be named when checking in.
- Best 3 females; to consist of any three does you have exhibited at the 4-H fair. Each exhibitor is limited to one entry in this class.

Dairy Wethers -

- All dairy goat wethers must be individually identified by a 5-Digit county tag or a tattoo by May 15
- All wethers **must** be shown with their milk teeth in place.
- All dairy goat wethers **must be 100% dairy**

goat blood, no meat goat crosses.

MEAT GOAT CLASSES:

- Percentage Doe
- Fullblood Doe
- Boer Goat Breeding
- Boer Goat Market Weather
- Boer Goat Market Doe

Junior Meat Does -

- All does under 12 months-of-age on the day of the show shall compete in the junior division.
- Junior Champions will be selected from the first place class winners in the junior division.
- Reserve Junior Champions will be selected (after the junior Champion is designated) from the animals remaining in the Junior Champion class, plus the animal that stood second to the Junior Champion in their individual class.

Yearling Meat Does -

- All does that are from 12 months old and fewer than 24 months-of-age on the day of the show shall compete in the yearling division.
- Yearling Champions will be selected from the first place class winners in the yearling division.
- Reserve Yearling Champions will be selected (after the Yearling Champion is designated) from the animals remaining in the Yearling Champion class, plus the animal that stood second to the Yearling Champion in their individual class.

Senior Meat Does -

- All does that are at least 24 months-of-age on the day of the show shall compete in the Senior division.
- Senior Champions will be selected from the first place class winners in the Senior division.
- Reserve Senior Champions will be selected (after the Senior Champion is designated) from the animals remaining in the Senior Champion class, plus the animal that stood second to the Senior Champion in their individual class.

Market Goat Wethers and Does -

- All Boer Goat Market Wethers and Does must be shown with their milk teeth in place.
- Classes will be divided according to the weight of the animals.
- The number of classes will depend on the number of animals that arrive at the Crawford County 4-H Fair and or Indiana State Fair.

- All meat goat breeds and crosses are eligible. These wethers and does do not need to be registered.

PYGMY GOAT CLASSES:

- Pygmy Does
- Pygmy Wether

Junior Pygmy Doe -

- Intermediate doe kids; 3 months to under 6 months
- Senior doe kids; 6 months to under 9 months
- Advanced doe kids; 9 months to under 12 months.
- Junior unfreshened yearling; 12 months to under 18 months.
- Senior unfreshened yearling; 18 months to under 24 months.

Senior Pygmy Doe -

- Junior freshened doe; 12 months to under 18 months.
- Senior freshened doe; 18 months to under 24 months.
- Two-year-old does; born Aug. 16, 2016 to Aug. 15, 2017.
- Three-year-old does; born Aug. 16, 2015 to Aug. 15, 2016.
- Four-year-old does; born Aug. 16, 2014 to Aug. 16, 2015.
- Does five years and over; born Aug. 16, 2014 or before.

Pygmy Wethers -

- Junior wethers; one year of age or younger
- Senior wethers; over one year of age.

GOAT SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

COUNTY BORN & RAISED COMPETITION

- Offered within each male and female class.
- Animals entered in the competition must be identified as born and raised in Crawford County, Indiana by May 15.
- This is the 4-Hers responsibility. Proof of location of birth must be available, such as: bill of sales, registration paper, or proof of dam's ownership at time of the animal's birth.
- No county born and raised will be corrected at Fair time!

----- POULTRY -----

POULTRY REQUIREMENTS

1. 4-H exhibitors must complete a Poultry Identification information worksheet by May 15. **Poultry ID is **NOT** entered into 4-HOnline! Turn in poultry worksheets to the Extension Office by May 15.
2. All poultry not purchased or hatched from an NPIP Hatchery must be blood tested prior to 4-H Showcase.
3. The 4-H member must have possession, be feeding, caring, and keeping records on the animal from the above appropriate deadline.
4. Complete 5-7 activities in the Poultry Manual and submit at check-in with the completed Poultry record sheet
5. **Youth must complete YQCA certification.**

POULTRY DIVISIONS & CLASSES

PIGEONS

- Fancy Breed
- Sporting/Performance
- Utility

TURKEY

- All varieties

WATERFOWL

- Commercial
- Exhibition

POULTRY

- American Large Fowl
- Asiatic
- Continental
- English Large Fowl
- Mediterranean
- All other Large Fowl (Crossbreeds)

BANTAM

- Modern Game
- Old English Game
- Single Comb Clean Legged (no game)
- Rose Comb Clean Legged
- All Other Combs Clean Legged
- Feather Legged

COMMERCIAL

- Broiler Meat Pens
- Roaster
- Eggs

POULTRY CLASS DESCRIPTIONS

*Classes will follow Indiana 4-H State Fair Show

Turkey -

- Old Hen; female 1 year old or more at show
- Old Tom; male 1 year old or more at show
- Young Hen; female Less Than 1 Year at show
- Young Tom; male Less Than 1 Year at show

Commercial Chickens -

- All commercial chickens will be shown in one class based on rate-of-gain.

Eggs (Egg Marketing) -

- Six eggs displayed in a foam carton
- Eggs will be disposed of after the fair
- 1 entry of 6 eggs per egg class; Label carton with name and class.

Duck -

- Young Duck; female less than 1 year at show
- Young Drake; male less than 1 year at show
- Old Duck; female 1 year old or more at show
- Old Drake; male 1 year old or more at show

Geese -

- Young Goose; female less than 1 year at show
- Young Gander; male less than 1 year at show
- Old Goose; female 1 year old or more at show
- Old Gander; male 1 year old or more at show

Large Fowl -

- Hen; female 1 year old or more at show
- Cock; male 1 year old or more at show
- Pullet; female Less Than 1 Year at show
- Cockerel; male Less Than 1 Year at show

Bantam -

- Hen; female 1 year old or more at show
- Cock; male 1 year old or more at show
- Pullet; female Less Than 1 Year at show
- Cockerel; male Less Than 1 Year at show

Pigeon -

- Old Hen; banded prior to Jan. 1st of this year
- Old Cock; banded prior to Jan. 1st of this year
- Young Hen; banded on or after Jan. 1st of this year
- Young Cock; banded on or after Jan. 1st of this year

POULTRY SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

----- RABBIT -----

RABBIT REQUIREMENTS

- Complete 5-7 activities in the Rabbit Manual and submit at check-in with the completed Rabbit record sheet.
- **Youth must complete YQCA certification.**
- Any animals showing signs of illness or being unhealthy will be sent home. If the safety of the animal is at risk that animal may also be sent home.

- A 4-H'er must show his or her own animal. In case of sickness or a conflicting 4-H event, the 4-H member may have another 4-H member show his/her animal, if prior approval is obtained from Extension Office.
- The American Rabbit Breeders Association Standard of Perfection will be the guidelines for judging the Crawford County 4-H Rabbit Show
- 4-H exhibitors must enter their Rabbit Identification information in 4HOnline by May 15.
- The 4-H member must have possession, be feeding, caring, and keeping records on the animal from the above appropriate deadline.
- Tattoos are required for the 2019 Crawford County 4-H Fair (Left Ear). Tag day is not required for all rabbits, but if you do not have a tattoo yet, you should plan to attend. Tattoos and animal birthdate are required for rabbit projects in 4HOnline.
- The 4-H member must own the dam of an animal to be exhibited if the animal is born after enrollment deadline (meat pen). The 4-H member must enroll the dam and indicate that the animal to be shown has not been born.
- 4-H members may enroll as many animals as they desire, but only one animal per class, breed, and variety may be exhibited.

RABBIT DIVISIONS & CLASSES

*Rabbits will be classed by breed, variety, and age.

DIVISIONS:

American	American Fuzzy Lop
American Sable	English Angora
French Angora	Giant Angora
Satin Angora	Argente Brun
Belgian Hare	Beveren
Blanc Hotot	Britannia Petite
Californian	Champagne
D'Argent Checkered Giant	American
Chichilla Giant Chinchilla	Statndard
Chinchilla Cinnamon	Crème D' Argent
Dutch	Dwarf Hotot
English Spot	Flemish Giant
Florida White	Harlequin
Havana	Himalayan
Jersey Wooly	Lilac
Lionhead	English Lop
French Lop	Holland Lop
Mini Lop	Mini Rex
Mini Satin	Netherland Dwarf
New Zealand	Polish
Satin	Silver
Silver Fox	Silver Marten
Tan	Thrianta

CLASSES:

4 Class -

- Senior Buck; 6 months of age and older
- Senior Doe; 6 months of age and older
- Junior Buck; under 6 months of age
- Junior Doe; under 6 months of age

6 Class -

- Senior Buck; 8 months of age and older
- Senior Doe; 8 months of age and older
- Intermediate Buck; age 6 months to 8 months
- Intermediate Doe; age 6 months to 8 months
- Junior Buck; under 6 months of age
- Junior Doe; under 6 months of age
- Pre Junior; under 3 months of age - see standard of perfection for list of breeds.

Meat Pen -

Consists of 3 rabbits, same breed and variety, each animal weighing between 3.5-5.5 lbs. Age limit 10 weeks.

Single Fryer -

Animal weighing between 3.5-5.5 lbs. Age limit 10 weeks (4-H'er can use one of the animals from his/her meat pen for this class.

Roaster Class -

Animal must be under 6 months of age. Minimum weight 5.5 lbs., Maximum 9 lbs.

Stewer Class -

Animal must be older than 6 months of age. Minimum weight over 8 lbs.

RABBIT SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

- - - - - HORSE & PONY - - -

HORSE & PONY REQUIREMENTS

1. Horses coming from **outside Indiana** for exhibition in Indiana must meet the following requirements:
 - Each horse must test negative for Equine Infectious Anemia (E.I.A.) (a "Coggins test") within 12 months of the date of exhibition. Each horse must be accompanied by an official certificate of

veterinary inspection that indicates the results of the E.I.A. test.

- A suckling foal accompanying a dam that has tested negative for E.I.A. within twelve months of the exhibition is exempt from the E.I.A. testing requirement.

2. The following applies to horses coming from Indiana for exhibition in Indiana:

- A certificate of veterinary inspection is not required.
- An E.I.A. test is not required.
- For more information on horse health requirements, call the Indiana Board of Animal Health at (317) 544-2387.

3. Youth must complete YQCA certification.

4. Complete 5-7 activities in the Horse & Pony Manual and submit at check-in with the completed Horse & Pony record sheet.
5. Any animal exhibited must be shown and owned by the contestant, or owned with the contestants father, mother, brother, sister, grandparent or legal guardian.

NOTE: exception-any animal not owned by the immediate family must have a signed lease agreement. Lease agreements are subject to the approval of both the county 4-H Horse Club leader and County Extension Educator.

6. Ownership of a Registered Animal: Registration certificate proving appropriate ownership will need to be presented with enrollment form.
7. Ownership of Non-Registered Animal: Statement signed and dated by parent or legal guardian of the 4-Her, giving the date the animal was purchased or acquired, accompanied by a paid receipt (vet bill, Farrier bill, board bill, etc.) which will show financial responsibility for this animal.
8. Co-enrollment Animals: The Rules State: "For 4-H animals that are eligible to be co-enrolled by brothers and/or sisters (horses, ponies, sheep and swine), ownership is established the first time the animal is shown after the State Deadline until the conclusion of the 4-H show at the Indiana State Fair."
 9. To clarify this statement, the first sibling to show the horse after May 15th is the "owner of record". Any transfer of ownership, including entering the horse at a horse show under another person's name, will disqualify the horse from the Indiana State Fair. If the horse is entered under the name of the "owner of record's",

and shown by someone else, it remains eligible for the State Fair. If a horse is consistently entered as owned by an entity that is within the guidelines on the enrollment form (e.g. Joe Smith and Family), that horse is still only eligible to be entered in the State Fair by the "owner of record", which is the 4-H member show first showed the horse after May 15th.

10. All enrolled horses must be in the 4-Hers care (not at a trainer or any professional training facility) at least 30 days prior to any 4-H sponsored horse show.
11. 4-H members must comply with the rules of the 4-H Horse & Pony Club.

HORSE & PONY SHOW REGULATIONS

- All animals must be properly enrolled, height measurements, and photo ID submitted by May 15th. This color picture must include the face and all four feet. Failure to provide a picture will make the horse ineligible for state fair. Horses will also be enrolled on-line. Animals must be in hands of the 4-Her and record begun by May 15, 2019. Mini 4-Hers must also be enrolled by this date. All animals must have photos submitted, even if animals have previous measuring cards.
- No electronic devices to be used while mounted on horse (i.e. cell phones, iPods, and mp3 players).
- It is recommended that no 4-Her enroll more than 3 animals.
- Everyone MUST show in a halter or showmanship class at the 4-H Completion show in order to place in the performance or contest classes.
- No ungelded colts will be shown that were born before February 1, 2019.
- All club members must do their own work. Only horses enrolled will be permitted at meetings and only 4-H members, their parents or legal guardians or Horse and Pony Club leaders will be permitted to ride at meetings. Exception: An invited guest, which has been approved by the leaders and is there for a specific purpose of an educational demonstration for the benefit of the Club.
- It is highly recommended that at least one additional project be exhibited at the Crawford County 4-H Fair. (Ex. Photography, woodworking, cake decorating, etc...)
- We strongly suggest that for project completion, all horses are to be exhibited at the Fair show and remain at the Fairgrounds during Fair week
- All members must complete and turn in a record sheet for each animal.
- Helmets and boots are to be worn by all persons mounted during ALL 4-H events, including 4-H meetings. Only the ASTM

Standard F1163 Certified Helmet is permitted. Sticker or tag must be intact.

- Classes at the Fair shows may be changed or altered by the 4-H Horse and Pony Club leaders, committee and/or 4-H Extension Educator.
- On Show Day, JUDGES DECISION IS FINAL!
- All Members are expected to use appropriate language and proper conduct at all times.
- Club members, 4-H parents, grandparents or Horse and Saddle Club leaders are the only ones allowed to ride, handle, groom, etc., horses while on the premises of the Fairgrounds.
- All yearly immunizations (shots), including strangles (2 part 1st time) and Coggins are required for all horses on the Fairgrounds.
- 4-H registered animals are the only horses permitted on the ground due to Insurance Liability.
- For safety proper dress attire will be enforced at all meetings and shows. Show attire will be mandatory for all members. No sleeveless tank-tops or shorts when riding.

MINI 4-H HORSE & PONY SHOW REGULATIONS

- Due to Purdue rules: All Mini Members must be on a lead line (standard lead rope NOT a lunge line) while mounted.
- It is recommended that Mini members Walk or Trot while mounted. However, it is a parental decision if you feel that your child is advanced enough to Lope.
- Classes are subject to change according to enrollment.

HORSE & PONY SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

----- SHEEP -----

SHEEP REQUIREMENTS

- Complete 5-7 activities in the Dairy Manual and submit at check-in with the completed livestock record sheet.
- Premise ID # will be required on livestock enrollment forms via 4-HOnline. If you do not have a number, go online to BOAH to register your residence.
- **Youth must complete YQCA certification.**
- All market lambs and breeding ewes must be identified in 4Honline by May 15. State Fair bound Sheep must submit DNA SAMPLES to the Extension Office by May

15 deadline.

- Breed registration sift will be completed at check-in. Any breeding animal without specific breed registration papers shall be shown in the commercial/crossbred class.
- No rams will be shown.
- All wethers must have both testicles completely removed from the body to be eligible to show.
- The drenching of lambs will be allowed at the County Fair for medical intervention only.
- Color enhancement will be allowed as long as the natural color of the lamb has not been changed. (Example: a speckled face or legs cannot be changed to be all black.) Unethical violators of the above rules will be disqualified from the show.
- Market Ewe lambs and wethers will show together by breed. Breed classification will be determined at check-in.

SHEEP DIVISIONS & CLASSES

DIVISIONS:

Border Cheviot	Columbia
Corriedale	Dorset
Hampshire	Horned Dorset
Katahdin	Texel
Tunis	Crossbreed
All Other Breeds	Lincoln
Natural Colored	North Country
Cheviot Oxford	Shetland
Southdown Suffolk	
Shropshire	

CLASSES:

- Breeding Ewe Lamb; Showing all lamb teeth
- Yearling Breeding Ewe; Two permanent teeth showing
- Aged Breeding Ewe; Two years old and older - Four or more permanent teeth
- 4-H Market Lambs (Ewe lambs and wethers show together by breeds); showing all lamb teeth

SHEEP SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

COUNTY BORN & RAISED CONTEST

- Offered in both market and breeding stock classes.
- Animals entered in the competition must be identified as born and raised in Crawford County, Indiana by May 15 on all animal ID paperwork and 4-HOnline.
- Proof of location of birth must be available, such as: bill of sale, registration paper, or proof of dam's ownership at time of the animal's birth.
- No County Born and Raised correction will be made at the Fair.

----- SWINE -----

SWINE REQUIREMENTS

- Several pork processors have made announcements that will greatly affect the Indiana swine industry. In response to the anticipated rising demand for US pork products due the impact African Swine Fever has had on global pork supply, JBS USA (Swift and Swift Premium) and Tyson Foods will prohibit the use of ractopamine (Paylean) in market hogs the company buys beginning in February 2020. Although ractopamine is an FDA-approved feed ingredient that helps increase the amount of lean meat in hogs, some countries such as China, prohibit the import of pork from hogs that have been fed the product. This policy change will allow these companies to better position themselves to fill increased export demand for pork. Producers will have until Feb. 4, 2020, to meet the new requirement. These companies have said it plans to work with pork producers over the next several months to begin the process of testing hogs to ensure they are ractopamine-free, ensuring compliance. **What does this mean for 4-H animals? Counties that market swine to these pork processors will also have to comply with these new requirements. It's predicted that the marketing of 4-H animals may become more difficult, as ractopamine is widely utilized in show pig feeds. Indiana 4-H is not banning the use of ractopamine in 4-H swine, but is bringing awareness that the use of this feed additive will limit hog processing to more local markets and /or other smaller processors.** As always, it is important to use products responsibly under the proper label use. We will continue to follow up to keep the industry at the forefront of our educational efforts.
- Complete 5-7 activities in the Swine Manual and submit at check-in with the livestock

record sheet.

- COOL requirements: 4Her's will need to fulfil this requirement by signing on your animal enrollment form that your animal(s) originated from the United States of America.
- A Premise ID# will be required on livestock enrollment. If you do not have a number, go online to BOAH to register your residence.
- Registration certificates are required for all purebred barrows and gilts shown in the 4-H swine show, and these certificates must be presented at livestock check-in.
- The registration number recorded with the respective breed associations and the registration paper in possession of the exhibitor.
- The registration papers must show that the exhibitor owns the animal being exhibited entirely or in part and continuously from the county enrollment date through the Crawford County 4-H Fair.
- Ear Notches and Ear Tags must match the enrollment form to be eligible to show and auction at the Crawford County 4-H Fair. No Exceptions!
- Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Slick clipped or body shaved animals will not be allowed to exhibit. A minimum of one half inch of hair length on the body is preferred by the packers that purchase and process these animals.
- Animals with fresh ear notches or ear notch changes after the Tag ID day will be disqualified.
- Any one animal may only be shown in the show ring by one exhibitor at any time. The only exceptions is in the instance of a question of safety to the exhibitor.
- Purebred and Crossbred classes will be offered.
- No boars will be shown.
- All barrows must have both testicles completely removed from the body to be eligible to show.

***State Fair -**

- All swine entered in the State Fair 4-H show must be owned and individually identified by ear notch, 840-RFID tag and have a DNA hair sample submitted to the county Extension office by May 15 (or earlier deadline set by county) and cared for by the 4-H member from May 15 through the 4-H swine show at the State Fair. These animals must remain in the same continuous ownership through show day at the Indiana State Fair.

- Animals with fresh ear notches will be disqualified. Additionally, all Swine must have an 840- RFID tag in their ear prior to entry onto the State Fairgrounds. All barrows and gilts are subject to DNA verification.
- DNA hair samples are required for all swine to be eligible for the Indiana State Fair. They must be submitted to the County Extension office by May 15. Collection envelopes and instructions are available from your County Extension office.
- In the event of an identification error with what is entered into Indiana 4-H Online, there will be an opportunity to have a DNA hair sample collected at state fair check-in to compare to the sample from prior to May 15 at the 4-H member's expense. This would allow the barrow/gilt to be shown in the 4-H swine show, even though results will not be available until after the show. If a conclusive match is NOT found, the animal will be disqualified.
- All swine must be vaccinated for influenza within 120 days of arriving to the county/state fairgrounds. Please note that influenza vaccines often require two doses. Additionally, please pay careful attention to vaccination withdrawal times.
- Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animals that are slick clipped or body shaved less than one half inch (in length) will not be allowed to exhibit.

SWINE DIVISIONS & CLASSES

DIVISIONS:

Berkshire	Poland China
Chester White	Spot
Duroc	Tamworth
Hampshire	Yorkshire
Hereford	Crossbreed
Landrace	All Other Breeds

CLASSES:

- Barrows
- Gilts

Barrow (market) -

- Due to the date change of the Crawford County 4-H Showcase, the **birthdate requirement of 4-H swine projects will be extended back to December 1, 2019** with the understanding that potential **Indiana State Fair 4-H swine projects must continue to follow the January 1, 2020 birthdate deadline.**
- INDIANA STATE FAIR: All Barrows must be born on or after January 1st of the current fair year.
- Barrows will be shown by weight.

Breeding Gilt -

- Birth dates of gilts must be recorded in 4Honline.
- Due to the date change of the Crawford County 4-H Showcase, the **birthdate requirement of 4-H swine projects will be extended back to December 1, 2019** with the understanding that potential **Indiana State Fair 4-H swine projects must continue to follow the January 1, 2020 birthdate deadline.**
- INDIANA STATE FAIR: All Gilts must be born on or after January 1st of the current fair year.

***Classes will be shown by age and divided as follows:**

- Junior Gilt; Born Feb 1, 2020 to March 31, 2020
- Senior Gilt; Born Dec. 1, 2019 to Jan. 31, 2020
- **No Crossbred Junior/Senior Gilt Class.** All crossbred gilts will show together by weight.

SWINE SHOWMANSHIP

- **Senior:** Grades 9 and above
- **Intermediate:** grades 6-8
- **Junior:** Grades 3-5

COUNTY BORN AND RAISED

- County Born & Raised Classes: Offered within each Barrow and Gilt Class.
- Animals entered in the competition must be identified as born and raised in Crawford County, Indiana on all Animal ID paperwork and 4-HOnline.
- Proof of location of birth must be available, such as: bill of sale, registration paper, or proof of dam's ownership at time of the animal's birth.
- No County Born and Raised correction will be made at the Fair.

