2024-2025
Washington County
4-H Handbook

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2024-2025 Indiana 4-H Program Policies & Procedures

The Indiana 4-H Youth Development Program involves many youth, families, and adults who work together to provide a fun, positive, and safe experience for all participants. The Indiana 4-H Program Policies & Procedures provide us with a structure to follow at the state and county levels, ensuring we are adhering to state and federal guidelines. The Policies & Procedures contained on this page allow you to see the guidance Indiana 4-H has in place, providing additional transparency and consistency among all county 4-H programs.

To view detailed information about Indiana 4-H Policies & Procedures visit:
https://extension.purdue.edu/4-H/about/policies-and-procedures/index.html

4-H Information

4-H Mission:

The Indiana 4-H Youth Development mission is to provide real-life educational opportunities that develop young people who positively impact their community and world.

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 Motto:

"To Make the Best Better"

The 4-H Motto is intended to inspire young people to continue to learn and grow, to make their best efforts better through participating in educational experiences.

4-H Colors:

The 4-H colors are green and white. Green, nature's most prominent color, symbolizes growth.

The white symbolizes purity and high ideals.

4-H Emblem:

The official 4-H Emblem is a clover with four leaves and an "H" on each leaf.

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.

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 a different gender in your sleeping quarters, or inappropriate sexual behavior.
- 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, electronic smoking devices (including, but not limited to, e-cigs, vapes, juuls), or other dangerous substances.
- Inappropriate displays of affection towards another person(s).
- Distribution, misuse, or abuse of over-the-counter, homeopathic (including supplements and vitamins), or prescription medications.
- Inappropriate clothing or lack of clothing during the event or activity.
- Lewd, indecent, or obscene conduct or language.
- 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.
- Unwillingness to follow appropriate health and safety procedures.
- Reckless or inappropriate behavior.

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 may be contacted to arrange transportation home for the violator(s) and the local extension educator may 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

- 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, volunteers, members, or other individuals 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, members, or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)
- 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.
- 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.
    - The grievance is initially heard by an unbiased, representative grievance sub-committee of approved 4-H Volunteers. 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 a combination of 3-6 of 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; one 4-H volunteer knowledgeable in the subject matter (project) of concern (this individual will vary dependent on the issue raised with the grievance); and up to three community leaders. The Purdue Extension Educator assigned to 4-H shall convene the group. General Terms and Conditions Revised 1/18 Page 15
    - 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.
    - 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.

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.

Note: The above procedure will also be followed for program issues. Time constraints of the above procedure are not as crucial in most instances for programmatic concerns. However, this should be done

prior to the official closing of the Wasington County Fair. The Extension Educator does have the obligation to inform all parties that there is a grievance procedure if there are disagreements with policies.

PENALTIES

If, in the opinion of the State 4-H Youth Department head or designee, evidence of alteration and/or excessive outside help and/or unethical preparation and/or misconduct is noted, the exhibit and/or 4-H'er may be disqualified and/or all premiums and/or awards forfeited and/or the 4-H'er may be subject to up to a 3-year disbarment from participation in that project and/or other related 4-H projects and/or events and/or activities and/or person(s) subject to removal from grounds. Further, enforcement may be selective which does not waive the State 4-H Youth Department head's right to enforce collectively at a future date and appropriate circumstance.

4-H Online vs. FairEntry

When do we need to use them?
Why do we use them both?

4-H Online	FairEntry

Who?

- Parents/ Families
- ALL 4-H Members
- ALL Program Volunteers
- Specialty Groups

Who?

- 4-H Fair Exhibitors
- Superintendents
- Fair Judges
- Check-in Volunteers
- Media Outlets for Fair Results

What?

- Animal Identification
- Selecting project areas to explore.
- 4-H Trips and other events
- 4-H Scholarships Application
- Club rosters for 4-H Leaders

What?

- Preparation for county fair
- County Fair Project Labels
- State Fair Qualifying Entries
- Livestock Show Bills
- Organization of Fair Results

When?

From start to end of the program year: October through September.

When?

Fair Season: Typically May through August

Where?

https://v2.4honline.com/

Where?

Direct link provided by county office
or
https://fairentry.com/Public/FindYourFair

Why?

- To express interest in the 4-H Program
- Improved communication between County and State and 4-H Families

Why?

- Prepare for county and state fair
- Get accurate numbers for project display purposes, and stall assignments

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PURDUE UNIVERSITY® | Extension - 4-H Youth Development

2024-2025
Washington County
4-H Livestock Guidelines

It is important for 4-H members to review and understand all requirements of the specific species they plan to exhibit at the 2025 Washington County Fair. Please reach out to Taylor Chastain at 812-883-4601 or tsabens@purdue.edu with any questions.

Species Superintendents

Beef:
- **Michelle Larrimore**
- **Nick Purkhiser**
- **Kelsey Trueblood**

Dairy:
- **Todd Albertson**
- **Van Messersmith**

Dairy Beef:
- **Justin Bush**
- **Amber Purlee**

Goat:
- **Tom Coats**
- **Aaron Fordyce**
- **Jeremy Hardwick**

Horse & Pony:
- **Bill Reister**
- **Marji Morris**

Poultry:
- **Bonita Purlee**
- **Nicole Purlee**

Rabbit:
- **Denise McNew**
- **Nicole Purlee**

Sheep:
- **Kate Litts**
- **Krey Nicholson**

Swine:
- **Tom Rosenbaum**
- **Sterling Springer**
- **Cameron VanCleave**

Animal ID Checklist

_____I have read and understood the animal ID guidelines in the Washington County 4-H Handbook.

_____ If I have an animal that is required to come to ID Day I know when and where the ID Days are.

_____ I have tagged/tattooed my animal by May 15.

_____ Animal has been entered in 4-Honline by May 15 @ 11:59 PM

_____ To make check in easier I have uploaded pictures of my TAGGED animals into 4-Honline by May 15.

_____ If I am taking my animal to the State Fair I have submitted DNA to the Extension Office by May 15.

_____ If I am taking an animal to the State Fair I have read and understood the Indiana State Fair ID requirements.

_____ I have checked to make sure ALL of my animals are properly tagged and tattooed prior to loading them into the trailer to haul them to the fair.

_____ If I have a registered animal that requires a tattoo and registration papers, I have read and understood the requirements in the Washington County 4-H Handbook.

RFID Tags will begin with the number 840.

County Tags will have 5 numbers.
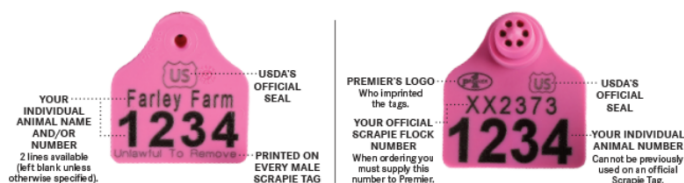
Scrapie Tag Example

Learn more about Indiana State Fair Animal ID Guidelines and Requirements.
Please note that Washington County ID requirements must be met to exhibit at the Washington County Fair.

Tagging Team

The following individuals are willing to help Washington County 4-H members tag their animals.

Name	Species	Contact
Ryan Batt	All species	812-620-0769
Justin Bush	Beef, Dairy, Dairy Beef	812-620-9290
Michelle Larrimore	Beef, Dairy, Dairy Beef	812-620-7555
Nick Purkhiser	Beef, Dairy, Dairy Beef	812-620-6817
Seth Purlee	All species	812-569-6971
Tom Rosenbaum	Swine, Beef, Dairy, Dairy Beef	812-883-4601
Sterling Springer	Swine	812-896-2060

Washington County 4-H General Livestock Guidelines

Washington County 4-H will follow all guidelines established by Indiana 4-H unless otherwise noted in the following Washington County Guidelines. Situations that arise that are not specifically addressed by Indiana 4-H Policies and Procedures or Washington County 4-H Guidelines are at the discretion of the Washington County 4-H Council and the species-specific Superintendents.

ENROLLMENT:

4-H members exhibiting livestock must identify their animals in Indiana 4-H Online by the ***May 15 deadline***. Siblings in the same family profile do not need to list all animals under each sibling in Indiana 4-H Online. Animals listed in a family profile may be exhibited by any siblings in the profile, however, exhibitor selections must be made in FairEntry by June 2. In addition, 4-H members must indicate how they intend to show their livestock project by selecting classes in FairEntry by June 2. For more information about 4-H Online and FairEntry see the "4-H Online vs. FairEntry" document on page 8.

- **New for 2025:** 4-H members are strongly encouraged to upload pictures of their tagged animals prior to May 15 to assist with any instances of lost ear tags or incorrect ear notches.

4-H ANIMAL OWNERSHIP, POSSESSION AND EXHIBITION:

Indiana 4-H Policies & Procedures Section 6.2: Awards and Competition Guidelines Each 4-H member shall own his/her 4-H exhibit. Ownership, personal possession, and regular care of the animal must be in effect on or before the county and state enrollment deadlines and continuously until after the 4-H show at the county and/or state fair.

1. For 4-H breeding animals: family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or legal guardians are acceptable.
2. Livestock Superintendents will verify registration papers during the species check-in times at the Washington County Fair.
3. For 4-H dairy cattle: family corporations and/or partnerships of the 4-H member with unrelated persons or dairy operations are also acceptable.
4. Dairy cows (as long as the animal is being shown by same 4-Her from 2020 and forward) and heifers, horses and ponies, may be leased subject to approval of both the county 4-H dairy and horse and pony committee/superintendents and the respective County Extension Educator. 4-H animals (horse, pony, and dairy) are only eligible to be leased by a single 4-H member in a 4-H program year.
5. 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by the County 4-H Extension Educator) from the animal ID deadline until the conclusion of the county and/or state fair.
6. 4-H market animals and commercial animals must be individually identified and verified under the supervision of the county 4-H program at county identification events by May 15 each year (or the following business day if May 15 falls on a weekend or holiday). These species include market lambs and commercial ewes,

dairy wethers, dairy feeder steers, dairy beef steers, beef steers, market and commercial heifers, meat goat wethers, and meat goat does.

7. 4-H animals purchased, sold or offered for sale after the ID deadline and prior to the Indiana State Fair (including animals that have gone through a "Premium Only Auction") shall not be eligible to show in the 4-H show at the Indiana State Fair. Sale of products of animals (milk, cheese, wool, etc.) in lieu of the animal, are considered equivalent to a "Premium Only Auction."

8. 4-H animals exhibited after the May 15 (or the following business day if May 15 falls on a weekend or holiday) State 4-H animal ID deadline at any show by anyone other than the individual whose 4-H enrollment record is connected to the ID of the animal in Indiana 4-H Online will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings, who may show each other's animals at any show during the year without jeopardizing State Fair eligibility. 4-H animals that are selected by 4-H Extension Staff or 4-H Adult Volunteers for use in supreme showmanship contests (Master Showmanship, Round Robin, etc.) may be used in those county events without jeopardizing State Fair eligibility. This policy applies to all 4-H animal projects. For animal projects without state ID deadlines, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the owner of the animals.

9. Temporary guardianships established for the intent of animal exhibition or grooming purposes are not permitted and shall result in immediate disqualification.

10. Animal age is calculated according to the date the animal is judged during the Washington County Fair.

11. 4-H breeding beef, Boer goats, dairy goats, sheep and swine must be registered in one of the following ownership methods:
    a. In the 4-H members' name;
    b. John Smith and Sons;
    c. John Smith, Sons and Daughters;
    d. John Smith and Family (family includes sons, daughters, and legal guardian youth only);
    e. Mark Smith (brother) and Mary Smith (sister);
    f. Family corporations, where the 4-H members' name appears as a holder of stock in the corporation, and proof of same must be supplied on or before the ID deadline; or
    g. 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. A copy of the written document must be on file with the Extension Office before the ID deadline. A single animal can only be included in one 4-H Online family profile.
    h. 4-H breeding beef, Boer goats, dairy goats, sheep and swine will NOT be accepted in the State Fair 4-H Show if they are registered in a father's name only, farm name only, or partnerships with unrelated persons (such as "Smith View", "Smith Oak", "John Doe and William Smith (4-H member)", "Long Oak and William Smith (4-H Member)", etc.).

For more Indiana State Fair Animal Ownership Guidelines see: Indiana 4-H Policies & Procedures Section 10: State Fair Terms and Conditions

ANIMAL ID DAYS:

4-H livestock animal identification (ID) and weigh-in days are an important component of the livestock project and help 4-H members understand the need for proper identification for not only showing livestock, but for herd/flock inventory and maintenance. Tags are a common way to identify animals and is a part of the animal ID process in 4-H. ID Days also reinforce the animals are officially owned by the 4-H member and, as a part of the 4-H program, must follow established policies, procedures, and guidelines. Youth must be enrolled in 4-H before attending ID Days.

Beef ID Day: March 18, 2025 2-7 PM @ DC Cattle

Sheep & Goat ID Day: April 29, 2025 5-7 PM @ The Fairgrounds

LOST EAR TAGS:

In the event an ear tag is lost, a new one should be purchased from the Extension Office as soon as possible. *All animals MUST be tagged before arriving at the fair. If you need assistance tagging an animal that does not have to attend ID day, or need assistance replacing a tag, you may reach out to the individuals listed on page 11.*

PREMISES ID:

4-H members exhibiting beef, dairy beef, dairy, goats, sheep, and swine are required to have and report, by the county and state ID deadlines, a Premises ID for the property in which their animals are kept. Though not required, members exhibiting other livestock species are encouraged to have a Premises ID. If a property does not already have a Premises ID, one may be obtained by contacting the Indiana Board of Animal Health at: https://www.in.gov/boah/traceability-and-premise-id/indiana-premises-registration.

Premise ID should be applied for by ID Days or by May 15 for animals that are not required to attend ID Days. Livestock species that require an 840-RFID tag for identification will not receive a tag from the Extension office without reporting the Premises ID along with its physical address.

QUALITY LIVESTOCK CARE PROGRAM:

To exhibit cattle, goats, poultry, rabbits, sheep, and swine, 4-H members in grades 3-12 must be certified through the in-person Indiana 4-H Quality Livestock Care (QLC) Training or the online Youth for the Quality Care of Animals program (YQCA), www.yqcaprogram.org, annually by June 2. Parents and guardians are encouraged to accompany their member(s) during the program; however, they cannot receive certification. Information about QLC programs is communicated from the Extension office.

PEN RESERVATIONS AND ASSIGNMENTS

All 4-H members exhibiting livestock must complete and submit a Livestock Pen Fee Form to the Extension Office by June 2. This form must indicate the number of pens, cages, and/or stalls requested for the animals being exhibited by the 4-H member and their siblings.

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- A $100 deposit (check only) per family is required when submitting the form.
- Deposits will be refunded if all pens, cages, and/or stalls are cleaned out after the fair and verified by a Livestock Superintendent.
- Refunds will be available for pickup at the Extension Office starting two weeks after the fair concludes.
- 4-H members have until 7PM on June 24 to get their pens cleaned out. If a pen is not cleaned out superintendents will report to the 4-H educator and the $100 will be deposited.

Pen Assignments

Livestock Superintendents will post pen assignments in the respective species' building at least two days before the designated drop-off time. Superintendents reserve the right to adjust pen assignments as needed during the Washington County Fair. Switching pen assignments without the approval of a livestock superintendent will not be tolerated.

For questions or concerns, please contact the Extension Office.

ANIMAL CARE AT THE FAIR:

All animals must be fed, watered, and cared for before, during, and after the Washington County Fair. It is expected that animals will also be treated humanely. Failure to comply with the general care, ethical treatment, and proper representation of animals will result in one warning from a Livestock Superintendent. If proper, corrective action is not taken in respect to the care of animals, the animal(s) will be dismissed from the fairgrounds. All animals should be free of infectious or contagious disease(s) as determined by Livestock Superintendents and/or Veterinarian. Animals exhibiting disease symptoms may be removed from the fairgrounds.

MANUALS:

Many projects have supplemental educational materials called manuals. To determine manual availability, contact the Extension office.

POSTER OPPORTUNITY:

The Animal Education poster project is another opportunity for 4-H members to complete a livestock project. Any member may complete the Animal Education project whether they exhibit animals or not. Animal Education project guidelines are found in the State Project section of this Handbook.

CARCASS EVALUATION CONTEST:

A Carcass Evaluation Contest uses ultrasound technology to evaluate carcass traits related to meat quality and yield of live beef, dairy beef, goats, sheep and swine (under 1 year of age) during the Washington County Fair. The date and time are scheduled based on the contest official's availability and is announced as soon as possible. Contest will be offered based on availability of technology. The fee to participate is $10 per animal, paid by June 2. 4-H members must also select Carcass in FairEntry for each animal they want to participate in the contest. Depending on the contest date/time, Carcass Evaluation

Contest awards are announced during 4-H Recognition Program or the 4-H Livestock Auction.

RATE OF GAIN CONTEST:

Rate of Gain Contests are valuable tools to help 4-H members understand the financial significance of market animals reaching a goal weight for marketing purposes. Animal ID Days establish a consistent baseline to calculate daily rate of gain. From an economic standpoint, rate of gain may be the most valuable learning objective of market animal projects. Beef steers, beef market heifers, dairy beef fat steers, market goat wethers, market goat does, sheep wethers, and market ewes automatically compete in the Rate of Gain Contest because they attend an ID Day to establish a baseline weight. Rate of Gain Contest results are announced during 4-H Recognition Program.

SHOWMANSHIP:

Livestock showmanship classes are divided into Rookie (3rd grade), Junior (Grades 4-6), Intermediate (Grades 7-9), and Senior (Grades 10-12) Showmanship and are based on the 4-H member's grade as of January 15 of the exhibition year. 4-H members must show their own animal in showmanship classes. Participation in a showmanship division is based solely on grade level, 4-H members do not automatically advance to the next division upon winning. To participate in showmanship, 4-H members must select the appropriate class for each species in FairEntry.

The winners of each division (Rookie, Intermediate, Junior, and Senior) will compete in a Champion Showmanship Class. The Champion Showmanship winner will represent their specie in the Supreme Showmanship Contest. (Rookie winners may choose to opt out of the Supreme Showmanship Contest.) If a 4-H member wins more than one Champion Showmanship Class, the member will represent the specie won first and the second-place member will then compete with the three other class winners for Champion Showman.

SUPREME SHOWMANSHIP:

The winner of the Champion Showmanship Class in each specie will compete in a Large Animal or Small Animal Supreme Showmanship Contest. The species represented in the Supreme Showmanship contests are rabbits, poultry, beef, dairy, dairy beef, dairy goats, meat goats, pygmy goats, sheep and swine. Animals for the Supreme Showmanship Contests are organized by the Livestock Superintendents. Animal and member pairings are determined by a random draw. A participant's animal(s) or their sibling(s) animals(s) are not to be selected by Livestock Superintendents for the Supreme Showmanship Contests. If there are not enough animals of one specie for all participants to show at the same time, members will be divided into groups based on the number of members and animals available. The random order of species determined for each Supreme Showmanship Contest is posted by noon on the day of the show. Participants

will wear provided t-shirts and back numbers during the show. Participants must obtain their own equipment for the contest.

Small Animal Supreme Showmanship: Dairy Goat, Pygmy Goat, Poultry, Rabbit
Large Animal Supreme Showmanship: Beef, Dairy, Dairy Beef, Meat Goat, Sheep, Swine

SUBSTITUTE SHOWMAN:

4-H members are expected to exhibit and sell their own animals. In cases where this cannot occur, the 4-H member may request another Washington County 4-H member to serve as a substitute showman. Requests are only granted for medical emergencies or circumstances deemed unavoidable. Failure to be excused from a job and/or participation in a non-4-H-related creative arts or sporting event or practice will not result in a substitute showman being granted. Substitute Showman requests may only be approved by a livestock superintendent and the 4-H Educator. Requests for substitute showman are not required when a 4-H member has more than one animal in a specific show class. In all circumstances, the substitute showman must be a QLC or YQCA certified Washington County 4-H member in grades 3-12.

FITTING AND GROOMING:

Unethical fitting of animal exhibits is defined as the administration of any substance (including, but not limited to blood, oils, steroids, air) or performance of any surgical or nonsurgical 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 is prohibited. Exceptions include hoof trimming, dehorning, removal of hair, manipulation of normally attached hair, castration, branding, tattooing, ear notching, docking of tails on sheep and swine, and coloring that does not alter or misrepresent breed characteristics. The drenching of animals is not permitted unless directed by a veterinarian for the health of the animal. The direct application of ice, ice water, alcohol, Freon or any other refrigerant, to the hide of an animal will not be tolerated.

If 4-H members choose to use generators while fitting and grooming their animals during the Washington County Fair, the generator must be used and located outside of the buildings.

SHOW & AUCTION ATTIRE:

4-H members wearing commercial advertisements (names or insignia), farm names, and/or family names while showing, selling, or in their auction photograph is prohibited. The following are also not allowed: low-cut shirts, shirts showing the midriff, shirts with spaghetti straps, shorts, baseball caps or any other hat that is not a cowboy hat, and open-toed shoes.

OVERNIGHT STAY:

4-H members are not permitted to stay overnight at the Washington County Fairgrounds. Buildings are closed at 11:00 pm unless announced by the Extension Educator due to unforeseen circumstances such as late ending times of shows, etc.

4-H LIVESTOCK AUCTION:

Participation in the Washington County 4-H Livestock Auction is a privilege. Guidelines for auction participation include:

1. 4-H members may sell one beef, dairy beef, goat, Best Poultry Pen, Best Rabbit Pen, sheep, or swine. The only exception to selling one animal is for 10-year 4-H members, who may sell two animals.
2. 4-H members exhibiting beef, dairy beef, dairy, goats, best poultry meat pen, best poultry rabbit meat pen, sheep, and swine, regardless of intent to participate in the auction, are required to contact perspective auction buyers. Members are assigned business/individual to visit and invite to the auction. Members will receive an Auction Invitation to give to the business/individual and Auction Signature Card, which their assigned business/individual must sign. The signed Auction Signature Card must be submitted to the Extension office by June 2. This allows ample time for the business/individual to plan to attend.
3. Livestock Auction, Carcass Evaluation Contest, Market, and Insurance fees must be paid at the Extension office by June 2. 4-H members must also designate which animal they intend to sell in the auction on the Livestock Fee Form by June 2. Failure to meet this deadline will prevent the 4-H member from selling in the auction.
4. 4-H members must have a picture taken with the animal(s) they are selling in the 4- H Livestock Auction at the designated time during fair week. This picture is given to the animal's buyer. See "Show & Auction Attire" section on the previous page.
5. 4-H members may make auction changes until 9:00 pm on Thursday night of the fair (or the end of the 4-H Beef Show for members showing beef cattle). No changes are permitted after this time.
6. Only Supreme & Reserve Supreme and/or Grand & Reserve Grand Champion animals that have their photos taken with the buyers will go into the ring during the sale. All other members will sell by picture only.
7. The auction order rotates annually with the specie selling first in one year selling last the next year.
8. 4-H members are required to write a thank-you note to their auction buyer(s). Notes must be turned into the Extension office for the auction check to be received. Auction checks will be ready, no sooner than, 30 days after the 4-H Livestock Auction. 4-H members are notified when checks are available.
9. There are specie-specific auction requirements. ***There will be no exceptions made for market weight requirements of auction animals. 4-H members wishing to sell an animal in the auction should be aware of minimum auction weight requirements.***
   a. Minimum auction weights:
      i. Beef & Dairy Beef-900 lbs
      ii. Goats & sheep-40 lbs
      iii. Swine-200 lbs
10. The on-call veterinarian reserves the right to disqualify any animal from showing and/or the auction for health reasons.

Additional 4-H Livestock Auction information is mailed to 4-H members.

MARKET ANIMALS:

4-H livestock members may have the opportunity to sell their non-auction market animals directly to the established auction market buyers. Animals intended to be sold to the market must be identified on the Livestock Fee Form and the $5/animal fee must be paid by June 2. Minimum weights for selling directly to the market are the same as those announced for the Washington County 4-H Livestock Auction. 4-H members may make market animal changes until 9:00 pm on Thursday night of the fair (or the end of the 4-H Beef Show for members showing beef cattle).

ANIMAL RELEASE:

Animals are required to stay on the fairgrounds until designated check-out times. The only exception is for State Fair animals with DNA submitted by the required deadline – those animals may leave the night of their show from 11:00 pm – 12:00 am. Otherwise, no animals shall leave except by order of veterinarian.

4-H members must check-out all animals with the Livestock Superintendent(s).

PEN AND ALL BARN CLEAN-UP:

4-H members exhibiting livestock must clean their pens to the satisfaction of their respective Livestock Superintendents by putting debris in the designated waste bins daily. Final pen clean-up for livestock must occur during the designated time(s) posted by the 4-H educator. All 4-H members exhibiting livestock are expected to assist with total barn clean-up, not just their individual pens. No clean-up is allowed during the 4-H Livestock Auction or while animals are being loaded after the auction.

HERDSMAN AWARD:

Herdsman Awards are presented to 4-H livestock project members who demonstrate sportsmanship, quality animal care, and cleanliness during the Washington County Fair. Beef, dairy, dairy beef, goat, poultry, rabbit, sheep, and swine 4-H members are eligible for the Herdsman Award. Awards are selected by the Livestock Superintendents and presented during the Purdue Extension – Washington County Annual Meeting & 4-H Recognition Banquet in October.

Beef ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

REQUIRED TO ATTEND ID DAY

Beef Steers

840 RFID Tag

5 Digit County Tag

12345

Beef Market Heifers

840 RFID Tag

12345

5 Digit County Tag

Non-Reg. Breeding Heifers

840 RFID Tag

5 Digit County Tag

12345

NOT REQUIRED TO ATTEND ID DAY

Registered Breeding Heifers

840 RFID Tag

01F

Breed Registry Tattoo that matches registration papers.
If you do not have registration papers at check in you will not show as a purebred.

Feeder Calves

840 RFID Tag

Cow/Calf

840 RFID Tag

Cow must have 840 RFID Tag.

Calf must follow feeder calf ID requirements.

Project Title: BEEF

Enrollment:

All beef cattle must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirement(s)	Required to Attend ID Day?
Beef Steers	840-RFID Tag and 5-digit County Tag	Yes
Beef Market Heifers	840-RFID Tag and 5-digit County Tag	Yes
Beef Non-Registered Breeding Heifers	840-RFID Tag and 5-digit County Tag	Yes
Beef Feeder Calves	840-RFID Tag	No
Beef Registered Breeding Heifers	840-RFID Tag and Breed Registry Tattoo	No
Cow Calf Pair	**Cow-**840 RFID Tag **Calf-**840 RFID Tag	No

As of November 5, 2024, federal requirements for cattle have changed the above requirements reflect these changes.

840-RFID and 5-digit County Tags are available for purchase at the Extension office. Animals must be tagged by May 15.

Minimum Auction Weight: 900 lbs. No Feeders.

Steer & Market Heifer Exhibit Guidelines:

Beef Steers:

- Dehorning required for the Washington County Fair. Buds cannot exceed 2".
- Steers are shown by breed, crossbred included.
- Beef Superintendents may divide breed classes by weight.
- Must weigh over 800 pounds.

Beef Market Heifers:

- Market heifers are shown by weight.
- Market heifers are not eligible to show as breeding heifers
- Must weigh over 800 pounds.

Supreme & Reserve Supreme Market Beef: *Champion Steers and the Champion Market Heifer will compete for Supreme & Reserve Supreme Market Beef.*

Registered & Non-Registered Beef Breeding Heifer Exhibit Guidelines:

Registered Beef Breeding Heifers: Dehorning recommended for the Washington County Fair.

- Registered Beef Breeding Heifers are shown by breed. Breed is selected in FairEntry by June 2 and Beef Superintendents verify registration papers during check-in times at the fair.

- FairEntry Classes: No more than two heifers may be entered and shown in the same heifer age group. Age groups are:

    o Spring Heifer – born January 1 to May 15 of current year
    o Fall Heifer – born July 1 to December 31 of previous year
    o Jr. Yearling Heifer – born January 1 to June 30 of previous year
    o Sr. Yearling Heifer – born July 1 to December 31 two years ago

Non-Registered Beef Breeding Heifers: Dehorning recommended for the Washington County Fair.

- Non-registered breeding heifers are shown by weight.

Supreme & Reserve Supreme Breeding Heifer: *Breed Champions and the Champion Non-Registered Breeding Heifer will compete for Supreme and Reserve Supreme Breeding Heifer. The overall third, fourth, and fifth Breeding Heifers are also selected.*

Beef Cow-Calf Pair Exhibit Guidelines:

Cow-Calf Pair: Dehorning recommended for the Washington County Fair.

- Cow-Calf Pairs are shown together in one class.
- Cow-Calf Pairs are a county only contest and not eligible for the Indiana State Fair.

Champion & Reserve Champion Cow-Calf Pair: *First and second place Cow-Calf Pairs are also the Champion and Reserve Champion Cow-Calf Pairs.*

Beef Feeder Calf Exhibit Guidelines:

Beef Feeder Calves: Steers and heifers weighing 800 lbs or less

- Steers and heifers are shown together by weight.
- Beef Superintendents may divide weight classes based on the number of calves.
- Calves from the Cow-Calf Pair class may be shown as feeder calves as long as they have the required identification and are enrolled in 4-H Online and FairEntry as feeder calves.
- Feeder calves are not required to be weaned to show.

Grand & Reserve Grand Champion Feeder Calf: *Class winners compete for Grand Champion and Reserve Grand Champion Feeder Calf.*

Beef Showmanship Exhibit Guidelines:

- FairEntry Classes:

    o Rookie Showmanship – 4-H members in grade 3.
    o Junior Showmanship – 4-H members in grades 4-6.
    o Intermediate Showmanship – 4-H members in grades 7-9.
    o Senior Showmanship – 4-H members in grades 10-12.

Washington County Born & Raised Beef Show:

This is a separate show for steers, market heifers, breeding heifers, feeder calves, and cow-calf pairs born and raised in Washington County.

- Born and raised means the animal was born and raised in Washington County or an adjoining pasture in an adjacent county. For cow-calf pairs, both the cow and calf must be Washington County born and raised.
- This is a no fit show. No fit is defined as wash, brush, and blow dry only. No products should be used.
- Steers and heifers are shown by weight with all breeds showing together.
- The Washington County beef producer who bred and raised the animal must sign the Washington County Born & Raised Enrollment Form. The form must be complete and turned in at the Extension office by June 2.
- Washington County Born & Raised classes must be selected in FairEntry by June 2.

Bracelets:

For the Washington County 4-H Beef Show Only: In order to prevent overcrowding, each 4-H member showing beef will receive five bracelets for beef barn and show ring make-up area entry one hour before and during the beef show. If a family has more than one 4-H member showing beef, one sibling will receive five bracelets and each additional sibling will receive three bracelets. 4-H members must wear one bracelet, and additional bracelets may be given to anyone the member chooses. There are no restrictions on who may fit or groom beef animals, but they must have on a bracelet to be in the beef barn and show ring make-up area.

Dairy ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

Registered Heifers/Cows

01F

NOT REQUIRED TO ATTEND ID DAY

840 RFID Tag

Must also have papers that include:
- **animal's registration name**
- **registration number**

Non-Registered Heifers/Cows

Tattoo

01F

NOT REQUIRED TO ATTEND ID DAY

840 RFID Tag

840 RFID Tag

Project Title: DAIRY

Enrollment:

All dairy cattle must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

There is not an ID Day for dairy cattle.

Animal	ID Requirement(s)	Required to attend ID Day?
Registered Dairy Cows & Heifers	840-RFID Tag, Animal's Registered Name, and Registration Number	No
Non-Registered (Grade) Dairy Cows & Heifers	840-RFID Tag	No

As of November 5, 2024, federal requirements for cattle have changed the above requirements reflect these changes.

840-RFID Tags are available for purchase at the Extension office. Animals must be tagged by May 15.

4-H Livestock Auction:

Dairy cattle are not eligible for the Washington County 4-H Livestock Auction.

Dairy Cattle Exhibit Guidelines:

Registered and Non-Registered (Grade) Dairy Cows and Heifers are exhibited together in the same classes by breed.

- FairEntry Classes:
  - Junior Calf – born March 1 or later of current year
  - Fall Senior Calf – born December 1 of previous year to February 28 of current year
  - Senior Calf – born September 1 to November 30 of previous year
  - Summer Junior Yearling Heifer – born June 2 to August 31 of previous year
  - Junior Yearling Heifer – born March 1 to May 31 of previous year
  - Intermediate Yearling Heifer – born December 1 two years ago to February 28 of previous year
  - Senior Yearling Heifer – born September 1 to November 30 two years ago
  - 2-Year-Old Cow
  - 3-Year-Old Cow
  - 4-Year-Old Cow & Over
  - Dry Cow
  - Best Fitted High School
  - Best Fitted Under High School

Grand & Reserve Grand Champion Dairy Female: *Breed Champions compete for Grand and Reserve Grand Champion Dairy Female.*

Dairy Beef ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A
SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

Dairy Beef Fat Steers

840
RFID Tag

12345

5 Digit
County Tag

REQUIRED TO ATTEND ID DAY

Dairy Beef Feeder Steers

840
RFID Tag

12345

5 Digit
County Tag
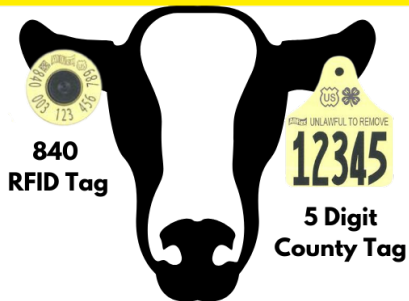
REQUIRED TO ATTEND ID DAY

Project Title: DAIRY BEEF

Enrollment:
All dairy beef steers must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirement(s)	Required to attend ID Day?
Dairy Beef Feeder Steers	840-RFID Tag and 5-digit County Tag	Yes
Dairy Beef Fat Steers	840-RFID Tag and 5-digit County Tag	Yes

As of November 5, 2024, federal requirements for cattle have changed The above requirements reflect these changes.

Minimum Auction Weight: 900 lbs. No feeders.

Dairy Beef Exhibit Guidelines:

Dairy Beef Feeder Steers:
- Dehorning required for the Washington County Fair.
- ***May be purebred or crossbred but must be 100% dairy blood.***
- Weigh 999 lbs or less.
- Shown by weight. Dairy Beef Superintendents may further divide classes based on the number of animals.
- Must be clipped and "washed down" for the show.
- Compete for Grand Champion and Reserve Grand Champion Dairy Beef Feeder Steer.

Dairy Beef Fat Steers: Dehorning required for the Washington County Fair.
• ***May be purebred or crossbred but must be 100% dairy blood.***
• Weigh at least 1,000 lbs.
• Shown by weight. Dairy Beef Superintendents may further divide classes based on the number of animals.
• Must be clipped and "washed down" for the show.
• Compete for Grand Champion and Reserve Grand Champion Dairy Beef Fat Steer.

Dairy Beef Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

Dairy Goat ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

REQUIRED TO ATTEND ID DAY

Market Wethers (under 1 year of Age)

5 Digit County Tag _OR_ Scrapie Tattoo

Market Wethers (over 1 year of Age that have not been to an ID day before)

ONE form of accpetable BOAH ID.

Non-Registered Breeding Does (under 1 year of Age)

ONE form of accpetable BOAH ID.

Non-Registered Breeding Does (Over 1 year of Age that have not been to an ID day before)

ONE form of accpetable BOAH ID.

NOT REQUIRED TO ATTEND ID DAY

Non-Registered Breeding Does (Over 1 year of Age with required tags and have been to an ID day

ONE form of accpetable BOAH ID.

Dairy Goat Wethers (Over 1 year of Age with required identification that have been to ID Day)

ONE form of accpetable BOAH ID.

Dairy Goat Registered Breeding Does

Breed Registry tattoo

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Project Title: DAIRY GOATS

Enrollment:
All dairy goats must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:
Required to attend Sheep & Goat ID Day:

Animal	ID Requirement(s)	Required to attend ID Day?
Dairy Goat Market Wethers (under 1 year of age)	5-digit County Tag or Scrapie Tattoo	Yes
Dairy Goat Wethers (over 1 year of age that have never been to ID Day)	One form of BOAH required identification, see list below.	Yes
Dairy Goat Non-Registered Breeding Does (under 1 year of age)	One form of BOAH required identification, see list below	Yes
Dairy Goat Non-Registered Breeding Does (over 1 year of age that have never been to ID Day)	One form of BOAH required identification, see list below	Yes
Dairy Goat Wethers (over 1 year of age with required identification that have been to ID Day)	One form of BOAH required identification, see list below	No
Dairy Goat Non-Registered Breeding Does (over 1 year of age with required tags and have been to ID Day	One form of BOAH required identification, see list below	No
Dairy Goat Registered Breeding Does	Breed Registry Tattoo	No

Indiana Board of Animal Health (BOAH) Required Identification Options:
• 840-RFID Tag
• Official Scrapie Tag
• Official Scrapie Tattoo
• Registration Tattoo – Tattoo must be noted on the registration paper and accompany the animal.
• Registration Microchip – Electronic implant must be noted on the registration paper and accompany the animal. 4-H members must have a microchip reader available if using this method of identification.

For more information about BOAH requirements:
https://www.in.gov/boah/speciesinformation/
cattle-sheep-and-other-ruminants/sheep-and-goats/

Dairy Goat Market Wether and Market Doe Exhibit Guidelines:

Dairy Goat Market Wethers:
• Must be under 1 year of age.
• Shown by breed, including crossbred. Breed is selected in FairEntry by June 2.
• Goat Superintendents may divide breed classes by weight.

Registered & Non-Registered Dairy Goat Breeding Does Exhibit Guidelines:

Registered Dairy Goat Breeding Does:
• Registered Dairy Goat Breeding Does are shown by breed. Breed is selected in FairEntry by June 2 and Goat Superintendents verify registration papers during check-in times at the fair.
• Breed classes are divided by age.
• FairEntry Classes:
   o Junior Doe – born on or after April 1 of current year
   o Intermediate Doe – born January 1 to March 31 of current year
   o Junior Yearling Doe – born June 1 to December 31 of previous year
   o Senior Yearling Doe – born on or before May 31 of previous year, under 2 years of age (never fresh)
   o Senior Yearling Doe – 1 year and under 2 years (milking)
   27
   o Doe – 2 years and under 3 years (milking)
   o Doe – 3 years and under 5 years (milking)
   o Doe – 5 years and older (milking)
   o Dry Doe – over 2 years of age (not currently milking)
   o Dry Doe – over 2 years of age (never fresh)

Non-Registered Dairy Goat Breeding Does:
• Non-Registered Dairy Goat Breeding Does are shown by declared age.
• FairEntry Classes:
   o Junior Doe – born on or after April 1 of current year
   o Intermediate Doe – born January 1 to March 31 of current year
   o Junior Yearling Doe – born June 1 to December 31 of previous year
   o Senior Yearling Doe – born on or before May 31 of previous year, under 2 years of age (never fresh)
   o Senior Yearling Doe – 1 year and under 2 years (milking)
   o Doe – 2 years and under 3 years (milking)
   o Doe – 3 years and under 5 years (milking)
   o Doe – 5 years and older (milking)
   o Dry Doe – over 2 years of age (not currently milking)
   o Dry Doe – over 2 years of age (never fresh)

Grand & Reserve Grand Champion Dairy Goat Breeding Doe: *Breed Champions and the Champion Non-Registered Dairy Goat Breeding Doe will compete for Grand and Reserve Grand Champion Breeding Dairy Goat Doe.*

Dairy Goat Wethers Over 1 Year of Age Exhibit Guidelines:

Dairy Goat Wethers Over 1 Year of Age:
All wethers over 1 year will be shown in a Pet Class. The purpose of this class is to allow 4-H members to continue bringing their wether goat projects to the fair even though they no longer meet the criteria for being a market animal. The Pet Class is intended to teach goat exhibitors to continue care for their goats.

 Pet goats will be judged on the following criteria:
o Cleanliness
o Condition
o Handling

Champion & Reserve Champion Dairy Goat Wether Over 1 Year of Age: *Class winners compete for Champion and Reserve Champion Dairy Goat Wether Over 1 Year of Age.*

Dairy Goat Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

Optional Costume Class
o All Dairy Goat exhibitors are invited to participate in the Pet Costume Class. Dress up your goats as little or as much as you choose. There is no award for this class, it is strictly just for fun**. *To participate in this class 4-H members must enter in FairEntry by June 2.***

General Dairy Goat Information:
- All 4-H members who enroll in the Dairy Goat project are highly encouraged to join the Washington County 4-H Goat Club. The goal of the club is to provide meetings that cover topics on showing, grooming, and management practices for goats. Members are encouraged to attend at least three meetings and participate in Goat Club set-up for the Washington County Fair.
- Dairy Goats may not show with horns. Scurs must not exceed 1".
- Judges may require does in milk to be milked before awards are announced. This is at the discretion of the judge.
- Goats must have a collar and tie chain available during the Washington County Fair.
- Goat pens will contain a minimum of two animals. The only exception is if the 4-H member is only showing one goat.
- Papers for registered animals must show proof of transfer prior to May 15. Stamped duplicates may be accepted if processing is delayed. PAPERS MUST BE PRESENT AT CHECK-IN.
- Dairy goats encouraged to be short clipped, but not required.
- Buck goats are not permitted. Animals must be castrated, banded or clamped at least 60 days prior to the fair. Animals with visible testicular tissue will not be permitted to show.

Meat Goat ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

REQUIRED TO ATTEND ID DAY

Meat Goat Market Wethers (under 1 year of age)

840-RFID Tag and 5-digit County Tag

Market Wethers (over 1 year of Age that have not been to an ID day before)

840-RFID Tag and 5-digit County Tag

Meat Goat Market Does (under 1 year of age)

840-RFID Tag and 5-digit County Tag

Meat Goat Non-Registered Breeding Does (under 1 year of age)

840-RFID Tag and 5-digit County Tag

Meat Goat Non-Registered Breeding Does (over 1 year of age without required tags and/or have never been to ID Day)

840-RFID Tag and 5-digit County Tag

NOT REQUIRED TO ATTEND ID DAY

Meat Goat Wethers (over 1 year of age with required tags that have been to ID Day)

840-RFID Tag and 5-digit County Tag

Meat Goat Non-Registered Breeding Does (over 1 year of age with required tags and have been to ID Day)

840-RFID Tag and 5-digit County Tag

Meat Goat Registered Breeding Does

Breed Registry Tattoo

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Project Title: MEAT GOATS

Enrollment:
All meat goats must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirement(s)	Required to attend ID Day?
Meat Goat Market Wethers (under 1 year of age)	840-RFID Tag and 5-digit County Tag	Yes
Meat Goat Wethers (over 1 year of age without required tags and/or have never been to ID Day)	840-RFID Tag and 5-digit County Tag	Yes
Meat Goat Market Does (under 1 year of age)	840-RFID Tag and 5-digit County Tag	Yes
Meat Goat Non-Registered Breeding Does (under 1 year of age)	840-RFID Tag and 5-digit County Tag	Yes
Meat Goat Non-Registered Breeding Does (over 1 year of age without required tags and/or have never been to ID Day)	840-RFID Tag and 5-digit County Tag	Yes
Meat Goat Wethers (over 1 year of age with required tags that have been to ID Day)	840-RFID Tag and 5-digit County Tag	No
Meat Goat Non-Registered Breeding Does (over 1 year of age with required tags and have been to ID Day)	840-RFID Tag and 5-digit County Tag	No
Meat Goat Registered Breeding Does	Breed registry tattoo that matches registration papers	No

Minimum Auction Weight: 40 lbs.

Meat Goat Market Wether and Market Doe Exhibit Guidelines:

Meat Goat Market Wethers:
• Must be under 1 year of age.
• Shown by breed, including crossbred. Breed is selected in FairEntry by June 2.
• Goat Superintendents may divide breed classes by weight.

Meat Goat Market Does:
• Must be under 1 year of age.
• Shown by weight. Goat Superintendents may divide classes based on animal numbers.

Supreme & Reserve Supreme Meat Goat: *Grand Champion Meat Goat Market Wether and Grand Champion Meat Goat Market Doe will compete for Supreme Meat Goat.*

Registered & Non-Registered Meat Goat Breeding Does Exhibit Guidelines:

Registered Meat Goat Breeding Does:
• Registered Meat Goat Breeding Does are shown by breed. Breed is selected in FairEntry by June 2 and Goat Superintendents verify registration papers during check-in times at the fair.
• Breed classes are divided by age.
• FairEntry Classes:
    o Junior Doe – born on or after April 1 of current year
    o Intermediate Doe – born January 1 to March 31 of current year
    o Junior Yearling Doe – born June 1 to December 31 of previous year
    o Senior Yearling Doe – born on or before May 31 of previous year, under 2 years of age
    o Doe – 2 years and under 3 years
    o Doe – 3 years and under 5 years
    o Doe – 5 years and older

Non-Registered Meat Goat Breeding Does:
• Breed classes are divided by declared age.
• FairEntry Classes:
    o Junior Doe – born on or after April 1 of current year
    o Intermediate Doe – born January 1 to March 31 of current year
    o Junior Yearling Doe – born June 1 to December 31 of previous year
    o Senior Yearling Doe – born on or before May 31 of previous year, under 2 years of age
    o Doe – 2 years and under 3 years
    o Doe – 3 years and under 5 years
    o Doe – 5 years and older

Grand & Reserve Grand Champion Meat Goat Breeding Doe: *Breed Champions and the Champion Non-Registered Meat Goat Breeding Doe will compete for Grand and Reserve Grand Champion Breeding Meat Goat Doe.*

Meat Goat Wethers Over 1 Year of Age Exhibit Guidelines:

Meat Goat Wethers Over 1 Year of Age:
All wethers over 1 year will be shown in a Pet Class. The purpose of this class is to allow 4-H members to continue bringing their wether goat projects to the fair even though they no longer meet the criteria for being a market animal. The Pet Class is intended to teach goat exhibitors to continue care for their goats.

 Pet goats will be judged on the following criteria:
o Cleanliness
o Condition
o Handling

Champion & Reserve Champion Meat Goat Wether Over 1 Year of Age: *Class winners compete for Champion and Reserve Champion Meat Goat Wether Over 1 Year of Age.*

Meat Goat Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

Optional Costume Class
o All Meat Goat exhibitors are invited to participate in the Pet Costume Class. Dress up your goats as little or as much as you choose. There is no award for this class, it is strictly just for fun**. *To participate 4-H members must select in FairEntry by June 2.***

General Meat Goat Information:
• All 4-H members who enroll in the Meat Goat project are highly encouraged to join the Washington County 4-H Goat Club. The goal of the club is to provide meetings that cover topics on showing, grooming, and management practices for goats. Members are encouraged to attend at least three meetings and participate in Goat Club set-up for the Washington County Fair.
• Meat Goats may be shown with or without horns, however, they must be deemed safe by the Goat Superintendents. Unsafe horns must be covered.
• Goats must have a collar and tie chain available during the Washington County Fair.
• Goat pens will contain a minimum of two animals. The only exception is a 4-H member only showing one goat.
• Buck goats are not permitted. Animals must be castrated, banded or clamped at least 60 days prior to the fair. Animals with visible testicular tissue will not be permitted to show.

Pygmy Goat ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
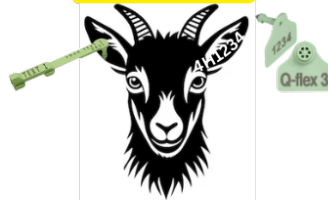*See lost tag policy in the handbook for more information.*

REQUIRED TO ATTEND ID DAY

Non-Registered Market Wethers (under 1 year of Age)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Non-Registered Wethers (over 1 year of age that has never been to ID day)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Non-Registered Market Does (under 1 year of Age)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Non-Registered Breeding Does (under 1 year of Age)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Non-Registered Breeding Does (over 1 year of age that has never been to ID Day)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

NOT REQUIRED TO ATTEND ID DAY

Registered Market Wethers (under 1 year of Age)

Breed registry tattoo or microchip that matches registration paper

Registered Wethers (over 1 year of Age)

Breed registry tattoo or microchip that matches registration paper

Registered Breeding Does

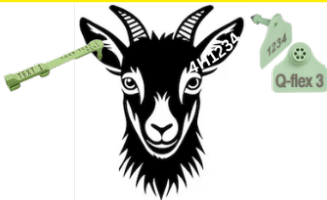Breed registry tattoo or microchip that matches registration paper

Non-Registered Wethers (over 1 year of Age with required identification that have been to ID day)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Non-Registered Breeding Does (over 1 year of Age with required identification that have been to ID day)

840-RFID tag, Official scrapie tag or Official scrapie tattoo

Project Title: PYGMY GOATS

Enrollment:
All Pygmy goats must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirement(s)	Required to attend ID Day?
Pygmy Goat Non-Registered Market Wethers (under 1 year of age)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	Yes
Pygmy Goat Non-Registered Wethers (over 1 year of age that has never been to ID Day)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	Yes
Pygmy Goat Non-Registered Market Does (under 1 year of age)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	Yes
Pygmy Goat Non-Registered Breeding Does (over 1 year of age that has never been to ID Day)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	Yes
Pygmy Goat Registered Market Weathers (under 1 year of age)	Breed Registry Tattoo or Microchip that matches registration paper that accompanies the animal *(4-H member must have a microchip reader available if using this method of identification)*	No
Pygmy Goat Registered Wethers (over 1 year of age)	Breed Registry Tattoo or Microchip that matches registration paper that accompanies the animal *(4-H member must have a microchip reader available if using this method of identification)*	No
Pygmy Goat Registered Breeding Does	Breed Registry Tattoo or Microchip that matches registration paper that accompanies the animal *(4-H member must have a microchip reader available if using this method of Identification)*	No

Pygmy Goat Non-Registered Wethers (over 1 year of age with required identification that have been to ID Day)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	No
Pygmy Goat Non-Registered Breeding Does (over 1 year of age with required identification that has been to ID Day)	840-RFID Tag, Official Scrapie Tag or Official Scrapie Tattoo	No

840-RFID are available for purchase at the Extension office. Animals must be tagged/identified by May 15.

Minimum Auction Weight: 40 lbs.

Pygmy Goat Market Wether Exhibit Guidelines:

Pygmy Goat Market Wethers:
• Must be under 1 year of age.
• Shown by weight. Goat Superintendents may divide classes based on animal numbers.
• FairEntry Classes:
   o Non-Registered Market Wethers
   o Registered Market Wethers

Grand Champion and Reserve Grand Champion Pygmy Goat Market Wether: The top non-registered market wether and registered market wether will compete for Grand Champion and Reserve Grand Champion Pygmy Goat Market Wether.

Registered & Non-Registered Pygmy Goat Breeding Does Exhibit Guidelines:

Registered Pygmy Goat Breeding Does:
• Goat Superintendents verify registration papers during check-in times at the fair.
• Classes are divided by age.
• FairEntry Classes:
   o Junior Doe – born on or after April 1 of current year
   o Intermediate Doe – born January 1 to March 31 of current year
   o Junior Yearling Doe – born June 1 to December 31 of previous year
   o Senior Yearling Doe – born on or before May 31 of previous year, under 2 years of age
   o Doe – 2 years and under 3 years
   o Doe – 3 years and under 5 years
   o Doe – 5 years and older

Non-Registered Pygmy Goat Breeding Does:
• Classes are divided by declared age.
• FairEntry Classes:
    o Junior Doe – born on or after April 1 of current year
    o Intermediate Doe – born January 1 to March 31 of current year
    o Junior Yearling Doe – born June 1 to December 31 of previous year
    o Senior Yearling Doe – born on or before May 31 of previous year, under 2
years of age
    o Doe – 2 years and under 3 years
    o Doe – 3 years and under 5 years
    o Doe – 5 years and older

Grand & Reserve Grand Champion Pygmy Goat Breeding Doe: *The Champion Registered and the Champion Non-Registered Pygmy Goat Breeding Doe will compete for Grand and Reserve Grand Champion Breeding Pygmy Goat Doe.*

Pygmy Goat Wethers Over 1 Year of Age Exhibit Guidelines:

Pygmy Goat Wethers Over 1 Year of Age:
All wethers over 1 year will be shown in a Pet Class. The purpose of this class is to allow 4-H members to continue bringing their wether goat projects to the fair even though they no longer meet the criteria for being a market animal. The Pet Class is intended to teach goat exhibitors to continue care for their goats.

Pet goats will be judged on the following criteria:
o Cleanliness
o Condition
o Handling

Champion & Reserve Champion Pygmy Goat Over 1 Year of Age: *Class winners compete for Champion and Reserve Champion Pygmy Goat Over 1 Year of Age.*

Optional Costume Class
o All Meat Goat exhibitors are invited to participate in the Pet Costume Class. Dress up your goats as little or as much as you choose. There is no award for this class, it is strictly just for fun**. *To participate 4-H member must enter in FairEntry by June 2.***

Pygmy Goat Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

General Pygmy Goat Information:
• All 4-H members who enroll in the Pygmy Goat project are highly encouraged
• to join the Washington County 4-H Goat Club. The goal of the club is to provide meetings that cover topics on showing, grooming, and management practices for goats. Members are

encouraged to attend at least three meetings and participate in Goat Club set-up for the Washington County Fair.

- Goats must have a collar and tie chain available during the Washington County Fair.
- Goat pens will contain a minimum of two animals. The only exception is a 4-H member only showing one goat.
- Buck goats are not permitted. Animals must be castrated, banded or clamped at least 60 days prior to the fair. Animals with visible testicular tissue will not be permitted to show.

Project Title: HORSE & PONY

Enrollment:

All horses and ponies must be enrolled in Indiana 4-H Online by May 15 and FairEntry by July 1. Each 4-H member may enroll up to five horses and/or ponies in the Washington County 4-H Horse & Pony Show. Lease agreements must be uploaded to 4-H Online by May 15.

Siblings may exhibit the same horse, but not in the same classes (Western/English), in the same age division. Both siblings must enter the horse in 4-Honline by May 15. Only one sibling may show in the Western Gelding/Western Mare class. Timed events are under leader discretion. ***This is a county-only exception.***

Required Identification:

Color photographs are required for 4-H Online enrollment. Each photograph must include the animal's face and four feet and must be labeled with the horse's name and the 4-H member's name.

Horse & Pony Project Safety Guidelines:

There will be a required safety check meeting at the arena with all riding members and their horses so that club leaders and volunteers can check tack and helmets for safety. In addition, leaders and volunteers will observe horses in the arena to be sure they are safe for other riders in proximity. The date will be announced several weeks prior to the meeting.

All 4-H members are required to wear a properly fitted ASTM or SEI standard F1163 (or above) certified helmet whenever mounted or driving at a 4-H horse and pony event, show, or activity. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness fastened in place whenever mounted. Original tags must be present in all approved helmets.

This policy was placed in effect during the 2003 4-H program year and applies to all county, area, and state 4-H horse and pony events, shows, and activities.

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

Horse & Pony Project Health Guidelines:

In addition to being sound and healthy, all horse and pony project animals must be vaccinated at least one week before the animal attends a club meeting or activity. 4-H Horse & Pony Vaccination Forms (4-H-1031-W) must also be completed and a copy submitted to a club leader to participate. 4-H members should also carry a copy of the form with them to Horse & Pony activities. A list of required vaccinates is on the form found at: https://extension.purdue.edu/4-H/_docs/projects/horse/horse-vaccination-form.pdf.

Horse & Pony Project Guidelines:

Refer to the current Indiana 4-H Horse & Pony Handbook for policies and class guidelines for exhibition. Copies are available at the Extension office.

Classes defined:
o Junior – Grades 3-7
o Senior – Grades 8-12

FairEntry Classes:

Contesting:
- Barrels – Jr. and Sr.
- Barrels – Sr. Under 56"
- Egg and Spoon – Jr. and Sr.
- Flags – Jr. and Sr.
- Flags – Sr. Under 56"
- Keyhole – Jr. and Sr.
- Keyhole – Jr. and Sr. Under 56"
- Pole Bending – Jr. and Sr.
- Pole Bending – Sr. Under 56"
- Speed & Action – Jr. and Sr.
- Speed & Action – Jr. and Sr. Under 56"
- Surprise Class – Everyone

English
- Hunt Seat Equitation – Jr. and Sr.
- Hunt Seat Pleasure – Jr. and Sr.
- Hunter Hack – Jr. and Sr.

Western
- Country Pleasure – Jr. and Sr.
- Ranch Horse Pleasure – Jr. and Sr.
- Ranch Riding – Jr. and Sr.
- Reining – Jr. and Sr.
- Showmanship at Halter – Jr. and Sr.
- Trail – Jr. and Sr.
- Western Geldings
- Western Horsemanship – Jr. and Sr.
- Western Mares
- Western Pleasure – Gaited Horse
- Western Pleasure – Jr. and Sr.
- Western Pleasure – Walk Trot
- Western Walk Trot Equitation – Jr. and Sr.

Project Title: POULTRY
Enrollment:

4-H members should own and care for their poultry projects by May 15, except for birds not born by May 15. Poultry must be enrolled in FairEntry by June 2.

Quality Livestock Care: All poultry exhibitors must complete QLC even if they are only participating in egg exhibition.

NPIP Exhibition Requirements:

Chickens and Turkeys:
• Chickens, guinea, peafowl, pheasants, quail and turkeys without documentation verifying their origination from a National Poultry Improvement Plan (NPIP) certified flock must be tested for and receive a negative Pullorum-Typhoid (PT) test result within 90 days of exhibition. Poultry Superintendents offer PT testing at poultry check-in.

Waterfowl:
• Waterfowl are not under the federal registration, so they are not required to be PT tested or come from a NPIP certified flock to exhibit.

4-H Livestock Auction:

Only the Best Meat Pen may sell in the Washington County 4-H Livestock Auction. The Best Meat Pen exhibitor must notify the Extension office of their intent to sell in the 4-H Livestock Auction by Thursday of the fair and pay applicable auction fees.

Poultry Exhibit Guidelines:

Commercial Chickens: Pen classes with two birds per pen. 4-H members may exhibit two pens. Chickens shown in pen classes may not be shown in other individual classes.

- **Commercial Chicken FairEntry Classes:**
  - Brown Egg Layer Pullets
  - Brown Egg Layer Hens
  - White Egg Layer Pullets
  - White Egg Layer Hens
  - Green Egg Layer Pullets
  - Green Egg Layer Hens

Best & Reserve Grand Champion Commercial Chickens: *Champions compete for Best & Reserve Grand Champion Commercial Chickens.*

Chickens: Considered individual classes. There is no limit to the number of divisions a 4-H member may exhibit, however, only two birds may be exhibited per class.
- **Chicken Classes:**
  - Cock
  - Cockerel
  - Hen
  - Pullet

- **Large Fowl FairEntry Divisions:**
  - English Large Fowl
  - American Large Fowl

- o   Mediterranean Large Fowl
- o   Asiatic Large Fowl
- o   Continental Large Fowl
- o   All Other Large Fowl

Best & Reserve Grand Champion Large Fowl: *Champions of each breed compete for Best & Reserve Grand Champion Large Fowl.*

- **Bantam FairEntry Divisions:**
  - o   Single Comb Clean Legged Bantams
  - o   Rose Comb Clean Legged Bantams
  - o   All Other Combs Clean Legged Bantams
  - o   Feather Legged Bantams
  - o   Old English Game Bantams
  - o   Modern Game Bantams

Best & Reserve Grand Champion Bantams: *Champions of each breed compete for Best & Reserve Grand Champion Bantams.*

Meat Pens: Pen of two birds of the same sex, age, and weight.

- **Meat Pen Pen FairEntry Classes:**
  - o   Broilers – Birds six to eight weeks of age and not over 5 ½ lbs on show day.
  - o   Roasters – Birds eight to twelve weeks of age between 5 ½ to 10 lbs on show day.

Best & Reserve Grand Champion Meat Pen: *Champion Broilers and Champion Roasters compete for Best & Reserve Grand Champion Meat Pen.*

Eggs: Six chicken eggs in a foam container. 4-H members may exhibit two entries per class.

- **Egg FairEntry Classes:**
  - o   White Eggs
  - o   Brown Eggs
  - o   All Other Eggs

Grand & Reserve Grand Champion Eggs: *Class Champions compete for Grand & Reserve Grand Champion.*

Turkey: Considered individual classes. Only two birds may be exhibited per class.

- **Turkey FairEntry Classes:**
  - o   Commercial Hen
  - o   Exhibition Hen
  - o   Commercial Tom
  - o   Exhibition Tom

Best & Reserve Grand Champion Turkey: *Champion Toms and Champion Hens compete for Best & Reserve Grand Champion Turkey*

Waterfowl: Considered individual classes. Only two birds may be exhibited per class.

- **Waterfowl FairEntry Classes:**
  - Duck
  - Drake

Best & Reserve Grand Champion Waterfowl: *Champion Duck and Champion Drake compete for Best & Reserve Grand Champion Waterfowl.*

Other Poultry: New for 2025! Males and females will show together. Considered individual classes. Only two birds may be exhibited per class.

- **Other Poultry FairEntry Divisions**
  - Geese
  - Guinea
  - Peafowl
  - Pheasants
  - Quail

Best & Reserve Grand Champion Other Poultry: *Champion of each class will compete together for Best and Reserve Grand Champion Other Poultry.*

Best in Show: Best Commercial Chickens, Best Large Fowl, Best Bantam, Best Meat Pen, Best Eggs, Best Turkey, Best Waterfowl, and Best Other Poultry will compete for Best in Show.

Poultry Showmanship Exhibit Guidelines:
• FairEntry Classes:
- Rookie Showmanship – 4-H members in grade 3.
- Junior Showmanship – 4-H members in grades 4-6.
- Intermediate Showmanship – 4-H members in grades 7-9.
- Senior Showmanship – 4-H members in grades 10-12.

Project Title: RABBITS

Enrollment:
All rabbits must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:
Rabbits must have a tattoo. 4-H members may have the option to tattoo their rabbits during a spring Fur & Feathers Club meeting. Tattoos will be verified by Rabbit Superintendents during Rabbit check-in.

4-H Livestock Auction:
Only the Champion Meat Pen may sell in the Washington County 4-H Livestock Auction. The Champion Meat Pen exhibitor must notify the Extension office of their intent to sell in the 4-H Livestock Auction by Thursday of the fair and pay applicable auction fees.

Rabbit Exhibit Guidelines:
Rabbits: 4-H members may show no more than three rabbits per age group (9 rabbits total), plus one meat pen for a total of 12 rabbits.

Four Class FairEntry Classes: See breed list below.
- Senior Buck 2 & Over (male rabbit two years or older)
- Senior Doe 2 & Over (female rabbit two years or older)
- Senior Buck (male rabbit six months to two years old)
- Senior Doe (female rabbit six months to two years old)
- Junior Buck (male rabbit under six months old)
- Junior Doe (female rabbit under six months old)

Four Class Breeds:
- American Fuzzy Lop
- Dwarf Hotot
- American Sable
- Mini Lop
- Mini Rex
- Netherland
- English Angora
- Polish
- French Angora
- Harlequin
- Florida
- Satin Angora
- Havana
- Rex
- Belgian Hare
- Himalayan
- Rhinelander
- Britannia Petite
- Holland Lop
- Silver
- Standard Chinchilla
- Jersey Wooly
- Silver Marten
- Dutch
- Lilac
- Tan
- Lionhead
- Mini Satin
- Velveteen Lop
- English Spot

Best & Reserve Grand Champion Buck Four Class: Champion Bucks compete for Best and Reserve Grand Champion Buck Four Class.

Best & Reserve Grand Champion Doe Four Class: Champion Does compete for Best and Reserve Grand Champion Doe Four Class.

Rabbit ID Help Guide

There is no rabbit ID Day, however, all rabbits are expected to be tattooed and entered into 4-Honline by May 15. Tattos must be visible at check in during the fair.

All Rabbits

Tattoo

Six Class FairEntry Classes: See breed list below.
- Senior Buck 2 & Over (male rabbit two years or older)
- Senior Doe 2 & Over (female rabbit two years or older)
- Senior Buck (male rabbit nine months to two years old)
- Senior Doe (female rabbit nine months to two years old)
- Intermediate Buck (male rabbit six to eight months old)
- Intermediate Doe (female rabbit six to eight months old)
- Junior Buck (male rabbit under six months old)
- Junior Doe (female rabbit under six months old)

Six Class Breeds:
- American
- American Chinchilla
- English Lop
- Giant Chinchilla
- Beveren
- Cinnamon
- New Zealand
- Californian
- Cream D 'Argent
- Checkered Giant
- Champagne D'Argent
- Flemish Giant
- Blanc de Hotot
- Silver Fox
- Giant Angora
- Satin
- French Lop
- Palomino

Best & Reserve Grand Champion Buck Six Class: Champion Bucks compete for Best and Reserve Grand Champion Buck Six Class.

Best & Reserve Grand Champion Doe Six Class: Champion Does compete for Best and Reserve Grand Champion Doe Six Class.

Mixed Class FairEntry Classes:
- Senior Buck 2 & Over (male rabbit two years or older)
- Senior Doe 2 & Over (female rabbit two years or older)
- Senior Buck (male rabbit six months to two years old)
- Senior Doe (female rabbit six months to two years old)
- Junior Buck (male rabbit three to six months old)
- Junior Doe (female rabbit three to six months old)

Best & Reserve Grand Champion Buck Mixed Class: Champion Bucks compete for Best and Reserve Grand Champion Buck Six Class.

Best & Reserve Grand Champion Doe Mixed Class: Champion Does compete for Best and Reserve Grand Champion Doe Six Class.

Meat Pen FairEntry Classes: Three rabbits of a single litter weighing 3-5 lbs. total.
- Meat Pen

Champion & Reserve Champion Meat Pen: Class winners compete for Champion and Reserve Champion Meat Pen.

Best in Show: Best Bucks, Best Does, and Champion Meat Pen compete for Best in Show.

Rabbit Showmanship Exhibit Guidelines:
FairEntry Classes:
- Rookie Showmanship – 4-H members in grade 3.
- Junior Showmanship – 4-H members in grades 4-6.
- Intermediate Showmanship – 4-H members in grades 7-9.
- Senior Showmanship – 4-H members in grades 10-12.

Sheep ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A
SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

REQUIRED TO ATTEND ID DAY

Market Weathers

840-RFID Tag and 5-digit County Tag

Market Ewes

840-RFID Tag and 5-digit County Tag

Non-Registered Breeding Ewes

840-RFID Tag and 5-digit County Tag or Official Scrapie Tag

NOT REQUIRED TO ATTEND ID DAY

Non-Registered Breeding Ewes (with required tags that have been toa past ID day)

840-RFID Tag and 5-digit County Tag or Official Scrapie Tag

Registered Breeding Ewes

840-RFID Tag and ID matching registration papers

Project Title: SHEEP

Enrollment:
All sheep must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirement(s)	Required to Attend ID Day?
Sheep Market Wethers	840-RFID Tag and 5-digit County Tag	Yes
Sheep Market Ewes	840-RFID Tag and 5-digit County Tag	Yes
Sheep Non-Registered Breeding Ewes (without required tags and/or have never been to ID Day)	840-RFID Tag and 5-digit County Tag or Official Scrapie Tag	Yes
Sheep Non-Registered Breeding Ewes (with required tags that have been to ID Day)	840-RFID Tag and 5-digit County Tag or Official Scrapie Tag	No
Sheep Registered Breeding Ewes – 840-RFID Tag and ID Matching Registration Papers	840-RFID Tag and ID Matching Registration Papers	No

840-RFID Tags are available for purchase at the Extension office. Animals must be tagged by May 15.

Minimum Auction Weight: 40 lbs.

Wether & Market Ewe Exhibit Guidelines:

Sheep Wethers: Must be less than one year of age. Wool breed wethers must be free of blankets at the time of arrival at the fair and slick shorn for the show. It is at the 4-H member's discretion to slick shear hair market wethers for the show.
• Wethers are shown by wool breeds, including white-face and black-face crossbreds, or hair breeds, including crossbreds.
• Sheep Superintendents may divide breed classes by weight.
• Breed and Crossbred Champions will compete for Champion and Reserve Champion Market Wether.

Sheep Market Ewes: Must be less than one year of age. Wool breed market ewes must be free of blankets at the time of arrival at the fair and slick shorn for the show. It is at the 4-H member's discretion to slick shear hair market ewes for the show.
• Market ewes are shown by weight as wool or hair ewes.
• Market ewes are not eligible to show as breeding ewes.
• Class Winners compete for Grand and Reserve Champion Market Ewes.

Pair of Market Lambs: Two market lambs owned by the same 4-H member. One Pair of

Market Lambs is awarded Champion.
Supreme & Reserve Supreme Market Lamb: Grand Champion Wether and Grand Champion Market Ewe will compete for Supreme Market Lamb.

Registered & Non-Registered Sheep Breeding Ewe Exhibit Guidelines:

Registered Sheep Breeding Ewes:
• Registered Sheep Breeding Ewes are shown by wool breeds or hair breeds. Breed is selected in FairEntry by June 2 and Sheep Superintendents verify registration papers during check-in times at the fair.
• Ewe lambs with a broken mouth or evidence of yearling teeth will show in the yearling class. Determination of age by teeth is at the discretion of the judge.

FairEntry Classes:
• Jan./Feb. Ewe Lambs – Born in January & February of current year
• March/April Ewe Lambs – Born in March & April of current year
• Fall Ewe Lambs – Born between September 1 and December 31 of previous year
• Yearling Ewes – Born between January 1 and August 31 of previous year
• Aged Ewes – 2 years and older

Non-Registered Sheep Breeding Ewes:
• Non-registered breeding ewes are shown by weight as wool or hair ewes.
• Class winners will compete for Champion and Reserve Champion Non-Registered Breeding Ewe.

Pair of Breeding Ewes: Two breeding ewes owned by the same 4-H member. One Pair of Breeding Ewes is awarded Champion.

Grand & Reserve Grand Champion Breeding Ewe: Breed Champions and the Champion Non-Registered Breeding Ewe will compete for Grand and Reserve Grand Champion Breeding Ewe.

Sheep Lead Exhibit Guidelines:

Sheep Lead: A contest to show the relationship between the shepherd and their sheep. The 4-H member leads a sheep around the ring based upon the judge's discretion. Members are judged on their handling of the sheep.
• FairEntry Classes:
o Junior Lead – 4-H members in grades 3-7.
o Senior Lead – 4-H members in grades 8-12.

Champion Junior Lead & Champion Senior Lead: One Champion is selected from the Junior Lead class and one Champion is selected from the Senior Lead class.

Sheep Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

Swine ID Help Guide

LOST TAGS MUST BE COMMUNICATED WITH TAYLOR CHASTAIN OR A SUPERINTENDENT PRIOR TO ARRIVAL AT THE FAIR.
See lost tag policy in the handbook for more information.

While there is no ID day for swine, all swine are expected to be tagged and entered into 4-Honline by May 15.

All Barrows
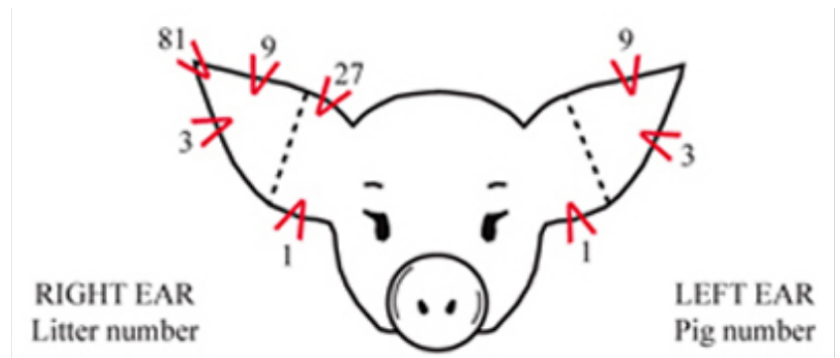

840-RFID Tag and Ear Notches

All Gilts

840-RFID Tag and Ear Notches

Ear Notch Help Guide

scan here to learn more!

RIGHT EAR
Litter number

LEFT EAR
Pig number

Project Title: SWINE

Enrollment:
All swine must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2.

Required Identification:

Animal	ID Requirements
ALL Barrows	840 RFID Tag, Ear Notches
ALL Gilts	840 RFID Tag, Ear Notches

840-RFID Tags are available for purchase at the Extension office. Animals must be tagged by May 15.

Minimum Auction Weight: 200 lbs. New for 2025: ALL swine must weigh 200 lbs to sell in the auction.

*Note: 4-H members are strongly encouraged to upload a photo of your TAGGED animal into 4HOnline by May 15 to assist with incidents of lost tags or incorrect ear notches.

Barrows & Market Gilt Exhibit Guidelines:

Barrows:
- Barrows are shown by breeds, including crossbreds.
- Swine Superintendents may divide breed classes by weight.
- Champion lightweight, medium weight, and heavy weight crossbred barrows may be selected.
- Breed and Crossbred Champions will compete for Grand and Reserve Grand Champion Barrows. Third, fourth, and fifth overall barrows are also selected.

Market Gilts:
- Market gilts are shown by weight divided into lightweight, medium weight, and heavy weight.
- Market gilts are not eligible to show as breeding gilts.
- Weight Champions will compete for Grand Champion and Reserve Grand Champion Market Gilt.

Supreme & Reserve Supreme Market Hog: Grand Champion Barrow and Grand Champion Market Gilt will compete for Supreme Market Hog.

Registered & Non-Registered Breeding Gilt Exhibit Guidelines:

Registered Breeding Gilts:
Registered Breeding Gilts are shown by breeds. Breed is selected in FairEntry by June 2 and Swine Superintendents verify registration papers during check-in times at the fair.

FairEntry Classes:
- December Gilts – Born in December of previous year
- January Gilts – Born in January of current year
- February Gilts – Born in February of current year

- March Gilts – Born in March of current year

Non-Registered Breeding Gilts:
- Non-registered breeding gilts are shown by weight.
- Class winners will compete for Champion and Reserve Champion Non-Registered Breeding Gilts.

Grand & Reserve Grand Champion Breeding Gilt: Breed Champions and the Champion Non-Registered Breeding Gilt will compete for Grand and Reserve Grand Champion Breeding Gilt. Third, fourth, and fifth overall breeding gilts are also selected.

Swine Showmanship Exhibit Guidelines:
• FairEntry Classes:
o Rookie Showmanship – 4-H members in grade 3.
o Junior Showmanship – 4-H members in grades 4-6.
o Intermediate Showmanship – 4-H members in grades 7-9.
o Senior Showmanship – 4-H members in grades 10-12.

General Swine Information:
• All 4-H barrows and gilts must be farrowed on or after December 1 of previous exhibition year.
• Automatic hog watering devices are recommended for swine pens.
• Do not slick shear. Swine must have at least ½ inch of hair to show or sell in the auction.

2024-2025
Indiana 4-H State Project Exhibit Guidelines

Aerospace
Animal Education
Arts & Crafts
Beekeeping
Cake Decorating
Child Development
Communications
Computer Science
Construction & Architectural Replica
Consumer Clothing
Consumer Clothing Fashion Revue
Dog
Electric
Entomology
Fine Arts
Floriculture
Foods, Baked
Foods, Preserved
Forestry
Garden
Genealogy
Geology
Health
Home Environment
Lawn & Garden Tractor Safety & Operator Skills

Model Craft
Needle Craft
Photography
Sewing – Non-Wearable
Sewing Fashion Revue
Sewing – Wearable
Shooting Sports
Small Engine
Soil & Water Science
Sportfishing
Tractor Safety & Operator Skills
Veterinary Science
Weather & Climate Science
Wildlife
Woodworking
Zero-Turn Mower Safety & Operator Skills

2024-2025
Pre-Fair Project Checklist

- I have signed up for 4-H and my enrollment is approved _____
- I have made any project changes in 4HOnline prior to May 15 _____
- If I am showing livestock, other than poultry, I have my animal's ID Information in 4-HOnline by May 15_____
- I have read the handbook and know my project guidelines _____
- I have entered my projects into FairEntry prior to June 2_____
- If I am completing a poster I have the appropriate size poster and sleeve_____
- If I am completing a cake or foods project I have the appropriate display selected for my project_____
- I have written my projects in my green record folder to keep for my personal records_____
- If I am completing a project with a project card, recipe card or skills sheet I have completed the form and have it ready to turn in with my project_____
- I know when my projects need to be checked in at the fair_____

Poster Quick Tips

- *Posters must be 22" x 28" (displayed horizontally)*
- *Use any color poster board or material (e.g., fabric, wrapping paper) securely mounted on foam core backing.*
- *Cover posters with clear plastic for protection. Avoid using Plastic Wrap.*
- *Leave room in the bottom right corner for your entry tag.*
- *Do not use plywood or masonite unless your project manual specifies otherwise.*
- *Covering:*
  - *Final thickness should be about ¼ to ½ inch.*
  - *Appropriately sized poster boards and plastic sleeves are available for purchase at the Extension Office.*

Title

22"

28"

Avoid putting anything here. It will be covered up by an entry tag.
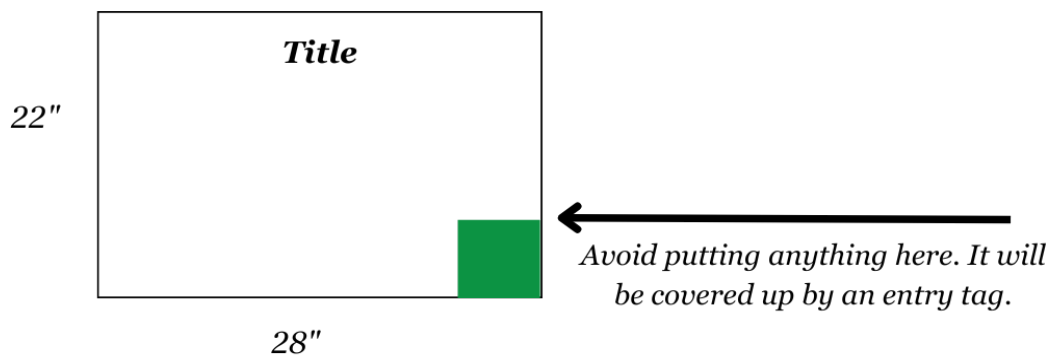
Planning Your Poster

1. *Read Guidelines: Understand your project and county-specific requirements.*
2. *Define Your Message: Focus on one clear idea.*
3. *Answer:*
   - *WHO is your audience?*
   - *WHAT is your subject?*
   - *WHY are you sharing this information?*
4. *Select a Title:*
   - *Be short and clear (4-5 words).*
   - *Example: "Pesky Pests: Dog Diseases."*
5. *Arrange for Impact:*
   - *Balance the layout.*
   - *Keep it simple, neat, and attractive.*

Project Title: Aerospace

Description:

The 4-H aerospace program provides youth with educational information and experiences about aerodynamics, flight and rocketry.

State Fair Entries:

3 rockets, drones (UAV), remote control aircraft, posters, notebooks or display boards per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

"Ready to Fly" and E2X rockets are not permitted. 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. The power source (rocket engine, battery pack, etc.) is to be removed before being placed in public exhibition.

Rockets will not be launched and remote control aircraft or drones will not be flown at state fair. Launching rockets and flying aircraft or drones at the county level is optional based on adult supervision experience.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Construct a rocket of your choice designed for a new model rocket enthusiast with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.

Learn to fly a 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. Other topics could include how a quadcopter operates, controls used to fly a quadcopter, UAV regulations administered by Federal Aviation Administration, commercial and emergency uses of UAVs, and more.

Intermediate (grades 6-8 suggested)

Construct a rocket of your choice designed for a model rocket enthusiast with some experience and with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.

Construct or learn to fly a 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. Other topics could include interviewing a certified UAV pilot who works in law enforcement, EMS, fire, Purdue Extension, commercial or other application. Other options could include creating a flight plan or interfacing with other computer software.

Advanced (grades 9-12 suggested)

Construct a rocket of your choice designed for an experienced model rocket enthusiast and with a difficulty level that is appropriate for the suggested grade level, or a poster or display board on any topic in the manual. Similar topics not included in the manual are permissible. Rockets cannot be ready-to-fly (RTF) or have plastic fins. Cluster engine rockets and rockets that take an engine G or above are not permitted in this level.

Construct or learn to fly a 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. Other topics could include using "stitching" software to produce an orthomosaic map for a research purpose, identifying Department of Transportation Aeronautical Chart features and explain how these are important to a drone pilot, how to obtain a drone pilot license, or more. If 16 years of age or older the member could obtain a license by completing and passing the official FAA Part 107 UAV licensing test.

Project Title: Animal Education

Description:

Youth can learn about livestock and companion animals through a variety of experiences.

State Fair Entries:

1 Beef entry per county.
3 Cat entries per county; one per level.
1 Dairy Cattle entry per county.
3 Dog entries per county; one per level.
1 Goat entry per county.
1 Horse entry per county.
3 Llama entries per county; one per level.
3 Poultry entries per county; one per level.
3 Rabbit entries per county; one per level.
1 Sheep entry per county.
1 Swine entry per county.

County-Only Entries:

Any other animal than those listed above may be chosen for this project, however it will be a county-only option with no state fair entry.

Exhibit Guidelines:

Owning or showing an animal is not required. Members enrolled in any 4-H animal or livestock project can exhibit in this project and are to contact their county 4-H educator to learn if they are to also be enrolled in animal education.

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.

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

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any specie related topic of choice that is age/grade appropriate. Check with the Purdue Extension office in your county to determine if enrollment is required in the species project you want to learn about. Owning or possessing an animal is not required.

Project Title: Arts and Crafts

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity in a variety of mediums.

State Fair Entries:

5 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

Youth may exhibit any art or craft that does not meet exhibit requirements in Fine Arts, Needle Craft, Model Craft or Construction and Architectural Replica.

Exhibitors should be considerate of space. Exhibits too large to safely move or requiring lots of space should be exhibited using photographs and a description of work in a notebook.

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artwork.

4-H Craft Information Card **4-H 618a-W**
New 10/2012

4-H Member Name _____ County _____ Grade in School_____

What is the title of your exhibit, or its purpose?

Was this exhibit completed from a purchased kit or an original design?

Describe how this exhibit was constructed/crafted. (What did you do?)

Project Title: Beekeeping

Description:

This project will help youth learn beekeeping, the types of bees, the honey and wax they produce, the plants that attract bees, and the equipment a beekeeper needs.

State Fair Entries:

- 1 educational exhibit per county.
- 1 honey exhibit per member, unlimited number of county entries.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using

information in this document as a guide rather than a requirement.

Special Notes:

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

Exhibit Class Guidelines:

Educational Poster or Display (grades 3-12)

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

Extracted Honey (grades 3-12)

Exhibit 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each. Each container is to have the 4-H member's name and county written using permanent marker.

Chunk Honey (grades 3-12)

Exhibit 2 one-pound jars (wide-mouth glass or clear plastic) with a comb in each jar. Each container is to have the 4-H member's name and county written using permanent marker.

Cut-comb Honey (grades 3-12)

Exhibit 2 one-pound boxes. Boxes are usually 4 1/2" x 4 ½" in size. Each box is to have the 4-H member's name and county written using permanent marker.

Two Honey Product

Exhibit 4 containers total of two different honey products using extracted honey, chunk honey or cut-comb honey as described in each product above.

Project Title: Cake Decorating

Description:

The cake decorating project allows youth to utilize their artistic ability and expressions as they learn decorating techniques and skills. Anyone wanting to learn baking skills should refer to the 4-H foods project.

State Fair Entries:

3 entries per county; one per level.

Exhibit Guidelines:

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

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

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

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. Cakes must be on a cake board strong enough to support the cake (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".

Intermediate (grades 6-8 suggested)

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. Cakes must be on a cake board strong enough to support the cake (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 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".

Advanced (grades 9-12 suggested)

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. Cakes must be on a cake board strong enough to support the cake (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".

Indiana 4-H Cake Decorating Skills and Techniques

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate skills to incorporate in a decorated cake for exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering. For example, some youth in the intermediate level might feel comfortable attempting advanced level skills, but it is unlikely a beginner level exhibitor will be able to successfully master the advanced level skills. Exhibited cakes must demonstrate the minimum five techniques from their given level 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. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning cake decorating skills. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate.

The X indicates suggested level to learn respective skill.

Skill	Beginner	Intermediate	Advanced
Icing			
Achieve proper consistency of icing for frosting the cake	X		
Tablespoon imprint	X		
Teaspoon swirl	X		
Coloring Techniques (only one coloring technique can be counted toward the minimum 5)			
Basic color blending	X		
Deep color effects			X
Painting			X
Borders and Side Decorations			
"C" motion	X		
Balls	X		
Bead	X		
Dots	X		
Leaf	X		
Loop	X		
Pull dots	X		
Pullout star	X		
Rosette	X		
Ruffle border	X		
Ruffle leaf	X		
Shell with star tip	X		
Shell with writing tip (beads)	X		
Star	X		
Star puff	X		
Stripes	X		
Vines	X	X	
Wavy lines	X		
Zigzag	X		
Zigzag puff	X		
Brush embroidery		X	

Adapted from University of Wyoming

"e" motion		X	
"S" scroll		X	
Horizontal "C"		X	
Plume		X	
Puff		X	
Reverse shell		X	
Ribbon		X	
Rope		X	
Ruffle		X	
Zigzag puff		X	
Combination Borders and Side Decorations			
Leaf and drop flower	X		
Rosette and star	X		
Shell and flute	X		
"S" scroll and drop flower		X	
Dot and heart		X	
Puff and drop flower		X	
Shell puff and ruffle or zigzag		X	
Basket weave		X	X
Bow trimmed strings			X
Crown			X
Drop strings			X
Fleur-de-lis			X
Flower and vine			X
Lambeth method			X
Ribbon and ball fringe			X
Ribbon swag			X
Shirred ribbon and shell			X
String lace			X
Triple drop strings			X
Zigzag garland and ruffle			X
Leaves			
Holly	X	X	
Plain leaf	X	X	
Ruffled leaf	X	X	
Stand up leaf	X	X	
Violet leaf		X	
Flowers			
Drop flowers, one squeeze star	X		
Drop flowers, swirl	X		
Free hand (star tip)	X		
Petals	X		
Ribbon rose	X		
Rosette	X		
Rosette with star center	X		
Shaggy mum	X		
Star puffs	X		
Stars	X		
Variety (writing tip)	X		

Adapted from University of Wyoming

Zinnia	X		
Rosebud	X	X	
Sweet pea	X	X	
Bleeding heart		X	
Half carnation		X	
Half rose		X	
Lilly of the valley		X	
Other flat surface flowers		X	
Apple blossom		X	X
Aster		X	X
Bachelor button		X	X
Brown-eyed susan – daisy variation		X	X
Chrysanthemum		X	X
Daffodil and jonquil		X	X
Daisy	X	X	X
Dogwood		X	X
Forget-me-not		X	X
Full carnation		X	X
Narcissus		X	X
Pansy		X	X
Poinsettia		X	X
Poppy		X	X
Rose		X	X
Sunflower	X	X	X
Violet		X	X
Wild rose		X	X
Other flat flower nail		X	X
Bluebell			X
California poppy			X
Easter lily			X
Morning glory			X
Nasturtium			X
Petunia			X
Other lily nail flowers			X
Lettering (only one lettering technique can be counted toward the minimum 5)			
Dots	X		
Lettering forms – fill in with dots or lines	X	X	
Printing	X	X	X
Script (cursive)		X	X
Special Effects			
Combing	X		
Grass, fur or hair	X	X	
Outline and star fill in	X		
Paper pattern	X		
Star filled pattern	X		
Stencil applications	X	X	
Color striping – either brush or spatula	X	X	
Color flow		X	
Comelli lace		X	
Figure piping		X	

Adapted from University of Wyoming

Haystacks		X	
Lattice design		X	
Pine cones		X	
Pine needles and cat whiskers		X	
Piping gel	X	X	
Royal icing lace		X	
Sotas		X	
Sugar mold, solid	X	X	
Trees		X	
Wheat		X	
Airbrushing or painting			X
Austrian lace			X
Candy clay			X
Chocolate molding – flowers			X
Chocolate molding – leaves			X
Fondant, cooked			X
Fondant, rolled, cake covering			X
Fondant, rolled, flowers and decorations			X
Gum paste			X
Loops			X
Marzipan			X
Pulled sugar			X
Sculptured cake			X
Sugar mold, hollow			X
Sugar paste			X
Quilling			X
Wires with assorted decorations attached			X
Other advanced skills			X

Cake Decorating Exhibit Skills Sheet

Name: _____ Club/County: _____

Level: ☐ Beginner   ☐ Intermediate   ☐ Advanced
(must demonstrate a minimum of five skills for the appropriate level from the Indiana 4-H cake decorating skills chart)

Note to Judge – While the entire cake is to be evaluated and critiqued, special attention and consideration is to be given to the five skills listed below.

	Skill Description	Tip Style and Size Used
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

Other skills, tips, and techniques:

_____

_____

_____

_____

_____

_____

_____

_____

Intermediate and Advanced level youth exhibiting a cut-up or multi-tiered cake must include a diagram and assembly description on the back or attached to this skills sheet.

Project Title: Child Development

Description:

Youth will learn about developmental stages of infants, toddlers and young children.

State Fair Entries:

4 entries per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Activities may be designed to be displayed on the floor, but please be considerate of space availability. Each item is to be labeled with the 4-H member's name, county and club so fair staff can keep all components together if it needs to be moved after judging is complete.

Notebooks are to include the following:

- Identifications on the front showing 4-H member's name, county, club, grade and year in project.

- Title page naming the activity.

- Pages explaining how activity was developed and is to be used.

- Photographs showing how the activity was used along with assembly.

- Explanation of skills learned and any additional information to share with the reader.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level B (grades 5-6 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level C (grades 7-9 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Level D (grades 10-12 suggested)

Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Project Title: Communications

Description:

The communications project teaches verbal and non-verbal communication and presentation skills.

State Fair Entries:

Demonstration – 3 junior individuals, 3 senior individuals, 3 junior teams and 3 senior teams per county.

Informative 4-H Presentation – 3 junior individuals, 3 senior individuals.

Professional Persuasive Presentation – 3 junior, 3 senior, 3 junior teams and 3 senior teams per county per county.

Public Speaking – 3 junior and 3 senior per county.

Creative Writing – 3 exhibits per county, one per level.

Exhibit Guidelines:

Effective communications drives all aspects of day-to-day life. Youth are to learn about the process of communication, to learn about different modes of communication and to strengthen their own communication skills. As you explore the world of communication and the manuals, you will enjoy learning more about yourself and others. Youth completing this project are expected to participate in a variety of experiences allowing them to develop communication skills rather than create an exhibit to be displayed at the county or state fair.

A series of 4-H manuals is available with activities designed to develop communication skills at a specific grade level. Module 1 is for Beginner Level youth in grades 3-5. Module 2 is for Intermediate Level youth in grades 6-8. Module 3 is for Advanced Level youth in grades 9-12. Suggested activities to develop communication skills include:

- Complete an activity from the grade appropriate manual.
- Give a demonstration or presentation at a club meeting.
- Participate in a verbal communication event. See verbal communication section below.
- Submit a news release to local news media about a 4-H event or topic.
- Participate in a radio interview.
- Present information about 4-H to a civic organization or similar group.
- Participate in the Indiana 4-H Spread the News workshop (Grades 9-12).
- Participate as an actor in a community theater.
- Other activities that demonstrate communication skill development.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Verbal Communication Events

The following verbal communication events and activities are offered to 4-H members as a way to teach presentation and public speaking skill development. They are often used in 4-H meetings, and a county 4-H youth development program may choose to offer these as competitive events. The demonstration, informative presentation, professional persuasive presentation and public speaking are competitive events at Indiana State Fair. Artificial Intelligence (AI) may be used, with parent permission, when creating this speech or presentation and is to be documented as a reference. A majority of the work to create this speech or presentation is to be the 4-H member's original work.

The following apply to all state fair communication events:

- 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 HDMI 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 at state fair.

- Live animals are not permitted at state fair.

- There is no interaction with the audience.

- Questions may be asked of the contestants by the judges following the presentation.

- Events that have a team category, it is for two (2) people and will be determined by the highest grade level of any member of that team.

- The top three senior individuals, top junior individual, top senior team, and top junior team will be recognized in Indiana State Fair Celebration of Champions.

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.

Demonstration

- All 4-H members are encouraged to present a demonstration at their club or county level.

- This contest allows the 4-H member to show the audience step-by-step procedures how-to-do something related to any 4-H project.

- Examples of a demonstration include how to take a prize winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.

- Junior members (grades 3-8) have 5-7 minutes to present their demonstration, while senior members (grades 9-12) will present their demonstration in 5-10 minutes.

- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.

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

Professional Persuasive Presentation
- Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.
- Contestants are to submit two (2) sets of accompanying handouts at registration. These handouts will be provided to the judges.
- It is suggested that youth practice by presenting their professional presentation to service clubs, 4-H council or fair board, government officials, or other boards.
- Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.
- Junior members (grades 3-8) will present in 5-7 minutes and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team and Senior Team.

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

Creative Writing

- This exhibit allows youth to express creativity while developing writing skills. Examples include a story, autobiography, biography, journal entry, poetry, children's story, skit or play, fiction in verse, alternative history, song lyrics, movie script, creative nonfiction and more. Writing must be authored by the 4-H member and can be fiction or non-fiction.
- Exhibits are to be displayed in a notebook or binder appropriately labeled on the front with the title, 4-H member's name, grade in school, club and county. The notebook or binder is to include a title page and authored work. While most creative writing exhibits will not require research, a bibliography giving credit to sources is to be included with any research article.
- Work can be handwritten or typewritten.
- Illustrations or photos may be included to enhance the writing.
- Writing should not include excessive blood, gore, violence or sexual themes and must be appropriate for all ages to read.

Creative Writing Exhibit Class Guidelines:
Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

Project Title: Computer Science

Description:

The 4-H computer science project is designed for youth to engage in an interactive project to learn all levels of familiarity with computers.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

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

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, screenshots showing the development and final project, etc. as the exhibitor will not be able to discuss their work with a judge. Poster and display board exhibits are permissible. Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff. 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:

- Programming, Block- and Text-based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design
- Computer Art
- 3-D Printing
- Robotics

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

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

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

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Programming, Block- and Text-based Programming:

Youth can submit programming projects in a language of their choosing. Some popular choices include, but are not limited to:

- Block-based: Scratch, Code Studio, Alice, etc.
- Text-based: Python, JavaScript, C/C++, C#, ASP.net, R, Go, Java, PHP, Perl, Ruby, etc.

Beginner – Grades 3-5 – Create a program using language of your choice.   You should comment your work and it must include at least ten different commands. Skills this program could use are:

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

Intermediate Grades 6-8 – Create a program using programming language of your choice.   You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of beginner skills
- Commenting
- Correct syntax
- Lists
- Functions
- Algorithms
- Modularization
- Lists
- Any other similar skill

Advanced Grades 9-12 – Create a program using programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

- More robust demonstration of Intermediate Skills
- Parameters
- Recursion
- Interact with databases
- Classes
- Objects
- Methods
- Inheritance
- Integrate multiple languages into one program
- Demonstrate utilization of a version control system

- Any other similar skill

Web Design and Computer Entrepreneurship

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

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

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

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

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

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

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

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

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

Intermediate Computer Forensics – Grades 6-8 – Research and create a 6-8 minute presentation on one of the following topics. Present to a group of peers and have an adult

leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

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

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

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

Hardware and Networking Design/Install/Repair

Beginner – Grades 3-5 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.
- Deconstruct and reconstruct a computer
- Learn and report how binary works and how computers use numbers
- Troubleshoot hardware problems
- Explore operating systems
- Investigate open source resources
- Install/upgrade operating systems
- Design a dream machine (give reasons)
- Any other similar design/install/repair

Intermediate – Grades 6-8 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.
- Identify network hardware
- Design a computer network
- Explain Internet Protocol
- Explain different types of servers
- Use different protocols to communicate
- Add peripherals to a network
- Secure a networked computer
- Share applications simultaneously
- Setup a Raspberry Pi or other micro-controller
- Any other similar design/install/repair

Advanced – Grades 9-12 - Choose one or two items from the list ad create a report/presentation (including images) of what you did.
- Design and implement a computer network
- Secure your network
- Understand technology needs in your community.
- Help to solve these needs by organizing a committee or team to work on identified issues.
- Teach a computer science class to younger 4-Hers.
- Build your dream computer
- Network multiple micro-controllers
- Research careers in technology
- Any other similar design/install/repair

Graphic Design

There are three divisions; Beginner (Grades 3-5), Intermediate (Grades 6-8) and Advanced (Grades 9-12). Youth are to use a software program to create or design an item that requires graphic design. The name of the software and version is to be included with the exhibit. Exhibits are to be age/grade appropriate. Ideas include, but are not limited to, the following:
- Logo design
- T-shirt or apparel screen printing design
- Promotional brochure
- Marketing materials

- Computer altered photographs/images – Photographs taken by the 4-H member and altered by the 4-H member using a computer are to be entered in the Photography project as a creative/experimental exhibit. Youth must obtain permission from the owner before altering someone else's photograph/image and include a copy of that permission with the exhibit to insure there is no copyright violation.

Computer Art

There are three divisions; Beginner (Grades 3-5), Intermediate (Grades 6-8) and Advanced (Grades 9-12). Youth are to use a software program to create or design an item that requires artistry. Youth may design and create their own work in totality or can use a pre-made template or design to create their own finished product, provided the majority of the created exhibit is completed by the 4-H member. The name of the software and version is to be included with the exhibit. Exhibits are to be age/grade appropriate.

3-D Printing

There are three divisions; Beginner (Grades 3-5), Intermediate (Grades 6-8) and Advanced (Grades 9-12). Youth are to use a software program to create or design an item printed using a 3-D printer. Youth may design and create their own work in totality or can use a pre-made template or design to create their own finished product, provided the majority of the design is completed by the 4-H member. The name of the software and version, as well as printer make and model, is to be included with the exhibit. Exhibits are to be age/grade appropriate.

Robotics

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

Beginner – Grades 3-5

- Create a flowchart
- Build a robot
  - Use block- or text-based program to operate
    - Sequential programs
    - Events at beginning
  - Use at least one basic sensor
- Model and demonstrate robot behaviors using a simulation environment (e.g. VEXcode VR [https://vr.vex.com])
-

Intermediate – Grades 6-8

- Create a flowchart with sub-routines
- Include at least two sensors in robot
- Use at least three events in code
- Create at least 2 loops in code
- Operation of robot should be smooth

Advanced – Grades 9-12 - Above guidelines plus:

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

Project Title: Construction and Architectural Replica

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity when designing replicas.

State Fair Entries:

1 entry per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

Exhibits can include farm scenes, town models, building replicas, or similar items and can be constructed from building blocks (Lego), erector sets, or other materials. The product should be constructed to scale as much as possible. Consider adding a clear cover to protect the exhibit while being displayed to the public. The exhibit can be no larger than a standard 8' long table. A county 4-H program may implement a smaller size limit if available facility space merits.

Exhibitors should be considerate of space. Exhibits too large to safely move or requiring lots of space should be exhibited using photographs and a description of work in a notebook.

All arts and craft exhibits must include a **4-H Craft Information Card, 4-H 618A**. (See page 62.) This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If an exhibitor is concerned about their creation being damaged while on display, they should consider constructing a clear plastic cover to encase the exhibit.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica.

Project Title: Consumer Clothing

Description:

This project is designed to teach clothing selection, wardrobe planning, care of clothing and personal grooming.

State Fair Entries:

3 Notebooks per county, no clothing; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

The notebook is to include the following items and information:

- Outside front cover – 4-H member name, county, club and level.
- Photo of 4-H member wearing their purchased outfit.
- Narrative describing decision making process when purchasing this outfit and accessories, and how they complement your existing wardrobe.
- One page or section outlining each of the five manual activities completed. Information is to include a description of the activity, skills learned, challenges completing the activity and how you worked to overcome each challenge, problems that occurred and how that problem was solved, how this activity will help you later in life and any other information.
- Any additional information or documentation such as place of purchase, other vendors explored, how an adult mentor assisted and any other information. Receipts are not required, but if included be sure personally identifiable information such as mailing address, phone number, etc. are altered and not visible.
- The notebook exhibit is not to include prior year(s) information.

Youth may choose to model their purchased outfit and accessories at the county level. Modeling at state fair is limited to one entry per level from each county and will be judged separate from the notebook.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With help from a parent or mentor, With the help of a mentor or parent, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Intermediate (grades 6-8 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With the help of a mentor or parent, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Advanced (grades 9-12 suggested)

Complete five activities in the manual and share your results or answers in a notebook using exhibit guidelines above, labeling each activity. With the help of a mentor or parent, purchase and accessorize an outfit of your choice. Accessories may be purchased or selected from what you currently have.

Project Title: Consumer Clothing Fashion Revue

Description:

This project teaches youth skills to present themselves in a professional manner by providing an opportunity for youth to model the outfit purchased in the 4-H consumer clothing project.

State Fair Entries:

3 entries per county, one per level.

Exhibit Guidelines:

All garments and outfits modeled in Consumer Clothing Fashion Revue must have been purchased by the 4-H member modeling that same garment or outfit.

DEFINITION OF AN OUTFIT: An outfit is a garment or garments that when put together make a complete look.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Intermediate (grades 6-8 suggested)

Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Advanced (grades 9-12 suggested)

Model the garment or outfit purchased for the consumer clothing project. Accessories may be purchased or selected from what you currently have.

Project Title: DOG

Enrollment:

4-H members must have their dog(s) in possession by May 15 and must be enrolled in Indiana 4-H Online by May 15 and FairEntry by June 2. No animal may be substituted from the original animal after May 15; except in the event of illness or injury of the dog. For instance, where there are more children in a family enrolled in the project and not sufficient dogs for each member, one of the members may lease a dog.

Indiana 4-H Aggressive Dog Policy:

The safety and well-being of 4-H members and volunteers is a primary concern with all Indiana 4-H Program opportunities. Families should err on the side of caution in selecting a dog for the 4-H member to exhibit. A dog that has a known history of aggression or biting is not appropriate for involvement in the 4-H Program. On occasion, the 4-H member may have difficulty managing their dog within the 4-H Program. The following guidance has been provided for the Indiana 4-H Dog Program as the owner/exhibitor of the dog bears responsibility for the dog's actions. In the subsequent policy, the term "4-H Dog Personnel" will include County 4-H Volunteers, County Extension Educators, State 4-H Staff and appropriate County and State Fair Directors.

A dog that bites a human or another dog at any 4-H Dog Event must be immediately removed from that event by the 4-H member and will subsequently be excused from the 4-H Program. The member should be directed by 4-H Dog Personnel on-site to remove the dog if the member does not do so willingly. If a determination is made by the 4-H Dog Personnel that a dog bit in self-defense, it may be allowed to remain at the 4-H Dog Event.

Dogs that display other signs of aggression, including but not limited to, barking and standing ground, growling, lunging and snapping will be give one verbal warning. They will be removed from the event after the second violation at the same event. To be removed from a 4-H Dog Event, there must be two violations at the same event.

Any dog that is removed from a 4-H Dog Event due to aggressive behavior will be placed on probation for 2 weeks. Written notification of the probation will be given to the 4-H member. The 2-week period will start upon written notification to the 4-H member. While on probation, the 4-H Dog Personnel and the 4-H member and parents will work together to determine the best course of action for the dog. This may include (but is not limited to) working individually with the dog and 4-H member, asking the 4-H member to use a different dog or having the 4-H member attend events without their dog. At the end of the designated probation period, 4-H Dog Personnel will decide regarding the dog's return to 4-H Dog Events.

Dogs that are removed from a 4-H Dog Event twice will be immediately excused from the 4-H program and will not be allowed to re-enter. Excusing a dog from the 4-H Program is rare but could be necessary for the safety of 4-H members, volunteers, and other participating dogs. Should a dog be excused from the program, it must be remembered that the action is against the dog and not the 4-H member. 4-H Dog

Personnel should look at many solutions and encourage the 4-H member to attend classes without their dog while training it at home or potentially bringing another dog to 4-H events. 4-H members will always be welcome in every other part of the dog project.

In the event that a dog is removed from a 4-H Dog Event or excused from the 4-H program, 4-H Dog Personnel should report such to the State 4-H Office so that the information is available at all county 4-H dog programs and the Indiana State Fair.

Dog Project Health Guidelines:

Dog project animals must be vaccinated before the animal attends a club meeting or activity. 4- H Dog Vaccination Form (4-H-671-W) must also be completed and a copy submitted to a club leader to participate. 4-H members should also carry a copy of the form with them to dog project activities. A list of required vaccinates is on the form found at: https://extension.purdue.edu/4-H/_docs/projects/dog/dog-vaccination-form.pdf.

Dog Project Guidelines:

The 4-H Dog project encourages 4-H members to develop good character, discipline, and a feeling of self-worth while learning about canine care, responsibility, and the sport of dog showing.

Dog Obedience - Refer to the current Showing in 4-H Dog Obedience (4-H-1009-W) publication for policies and class guidelines for exhibition. Copies are available at the Extension office.

Dog Obedience FairEntry Classes:

- Class 1A
- Class 1B
- Class 2A
- Class 2B
- Class 3A
- Class 3B
- Class 4A
- Class 4B
- Class 5A
- Class 5B
- Class 6A
- Class 6B
- Veterans

Dog Agility - Refer to the current Indiana 4-H Dog Agility Rules (4-H-1020-W) publication for policies and class guidelines for exhibition. Copies are available at the Extension office. Dogs showing in agility must also be shown in obedience.

Dog Agility FairEntry Classes:

- Beginning A
- Beginning B (On Lead)
- Beginning B (Off Lead)
- Intermediate A (On Lead)
- Intermediate A (Off Lead)
- Intermediate B (On Lead)
- Intermediate B (Off Lead)
- Advanced A (On Lead)
- Advanced A (Off Lead)
- Advanced B (On Lead)
- Advanced B (Off Lead)
- Veterans

Dog Showmanship - Refer to the current Indiana 4-H Dog Showmanship Guide (4-H-716-W) publication for policies and class guidelines for exhibition. Copies are available at the Extension office.

Dog Showmanship FairEntry Classes:

- Junior – 4-H members in grades 3-5
- Intermediate – 4-H members in grades 6-8
- Senior – 4-H members in grades 9-12

Project Title: Electric

Description:

The 4-H electricity and electronics program provides youth with educational information about electricity and how it can be used to benefit the human race.

State Fair Entries:

5 electric exhibits per county, one per level

1 electronic exhibit per county, level 5

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth are encouraged to complete the activities as instructed in the manual or found on the 4-H electric web page.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Electric Level 1 (1st year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:

- Circuit board – 6" by 6" of Series/Parallel Circuit
- Electromagnet
- Galvanometer
- Poster board (22" by 28")
- Display (appropriately sized for displayed equipment)

• Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Electricity Excitement Book 1 or Investigating Electricity Book 2, Purdue Extension website Level 1 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 2 (2nd year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:

• Magnetic Powered Shake Flashlight – with optional display
• Circuit board – 6" by 6" of Series/Parallel Circuit (with modifications if exhibited in Level 1)
• Electromagnet
• Galvanometer
• Electric Motor
• Poster board (22" by 28")
• Display (appropriately sized for displayed equipment)
• Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Electricity Excitement Book 1 or Investigating Electricity Book 2, Purdue Extension website Level 2 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 3 (3rd year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:

• Wiring Project – (ie. extension cord, trouble light, wire sizes and uses, plug configurations, test equipment, replace cord/cord end on a tool or piece of equipment, etc.)
• Electrical tool and supply kit
• Poster board (22" by 28")
• Display (appropriately sized for displayed equipment)
• Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Wired for Power Book 3, Purdue Extension website Level 3 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 4 (4th year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills

to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:

•   Wiring – Wire a lamp. The lamp can be a re-wired lamp or one that is built new.
•   Electrical tool and supply kit
•   Poster board (22" by 28")
•   Display (appropriately sized for displayed equipment)
•   Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Wired for Power Book 3, Purdue Extension website Level 4 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 5 (5th year or more in Electric)

Exhibit one article of choice, displaying proper wiring techniques, made during the current 4-H program year that demonstrates a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Exhibit Suggestions:

•   Equipment Wiring – including but not limited to: parts identification, appliance repair, lamps and other lighting, equipment wiring, control system, security system, topic that covers safety, motors/generators, electric heating, heat pumps, AC, water heaters, and other electric equipment.
•   Home Wiring – included by not limited to any circuits found in the wiring of a house or "barn", service entrance, switching, receptacles, generator transfer circuit, safety, electrical math, and others.
•   Electronic Equipment – Any project or kit containing transistors or integrated circuits or vacuum tubes such as radio, TV, computer, robot, cell phone, and others.
•   Poster board (22" by 28")
•   Display (appropriately sized for displayed equipment)
•   Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Entering Electronics, Purdue Extension website Level 5 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.
•   Video Presentation Create a video showing the work accomplished and skills learned. This video should include the same type of information as required in written notebook listed above. This video is to be no more than ten minutes in length and formatted as MP4 and submitted on a thumb drive. This video can also be uploaded to a YouTube account with the video being made public and the link submitted for evaluation.

INDIANA 4-H ELECTRIC

Electric and Electronic Exhibit Skills and Knowledge Sheet

Name _____ Club/County_____

Level: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

(Projects must demonstrate/explain a minimum of five skills for the appropriate level from the Indiana 4-H Electric and Electronic Skills and Knowledge Chart)

Skills/Knowledge:

Note to judge - While the entire exhibit is to be evaluated and critiqued, special attention and consideration is to be given to the five skills or explanations of knowledge listed below.

1.

2.

3.

4.

5.

Other information about your project:

(include information such as safety equipment used, hazards identified, or wiring diagrams)

PURDUE UNIVERSITY | Extension - 4-H Youth Development

INDIANA 4-H ELECTRIC
Electric and Electronic Skills and Knowledge Chart

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate skills and knowledge to incorporate in an electricity or electronics exhibit. **While this list is a guide, it is not meant to be an all-inclusive list.** Youth in Level 2 might feel comfortable attempting Level 5 skills, but it is unlikely that a beginner exhibitor will be able to successfully master Level 5 skills. Youth are encouraged to utilize several resources such as websites, print material, social media, and television shows when acquiring electricity/electronic skills and knowledge. Skills and knowledge learned from other types of resources can be demonstrated provided they are age/grade appropriate.

The "**X**" indicates **suggested level** to acquire respective skill or knowledge. Exhibits must include a minimum of 5 techniques from their level indicated in the chart below. They may include additional techniques from other levels as deemed appropriate, but will be evaluated for quality. For example, Level 3 exhibitors may use any techniques found in Level 1 or 2 but the exhibit must include a minimum of 5 Level 3 techniques, either demonstrated or explained.

Skills to be Attained	Level	1	2	3	4	5
Utilizes safety equipment		X				
Demonstrate decision making		X				
Identify electrical parts		X				
Recognize potential dangers and how to avoid them		X				
Explain the concept of circuits - series and parallel		X				
Analyze function of electric parts		X				
Diagnose problems and make basic repairs		X	X			
Recognize electrical connection types and how to make them		X	X			
Identify tools and their use		X	X			
Recognize the relationship of electricity and magnetism		X	X			
Soldering techniques		X	X			
Understand volts		X	X			
Strip wire properly		X	X			
Recognize the polarity of components		X	X			
Learn how to read pictorial diagram		X	X			
Understand simple motors		X	X			
Understand battery voltages		X	X			
Identify diode rectification			X			
Define and measure ohms			X			
Clarify what components do			X			

Skill					
Distinguish between alternating and direct currents		X			
Understand conductors and insulators		X			
Identify analog and digital multi-meter		X			
Use multi-meter, etc.		X			
Understand concept of transformer		X			
Applying a wire nut		X	X		
Understand amps and ampacity			X		
Differentiate wire - sizes, types, uses, and colors			X		
Identify a ground			X		
Identify a neutral			X		
Interpret circuits			X		
Read simple schematics			X		
Estimate budget			X		
Execute project planning			X		
Calculate circuit loads			X	X	
Understand voltage drop in a conductor			X	X	
Demonstrate mathematic concepts			X	X	
Understand plug configurations			X	X	
Use crimp-on terminals			X	X	
Measure wattage of lighting			X	X	
Identify polarized vs. Non-polarized plug configuration			X	X	
Understand direct and reflected glare			X	X	
Identify methods of lighting			X	X	
Identify bulb types			X	X	
Understand strain relief of cords			X	X	
Understand kilowatt hour consumption			X	X	
Identify circuit breaker concepts, overload devices			X	X	
Identify underwriters knot				X	
Identify and understand how outlets, switches, and lights work				X	X
Distinguish color of lighting				X	X
Analyze quality of lighting				X	X
Measure quantity of lighting				X	X
Understand electricity production - friction, heat, light, piezo, chemical, magnetic				X	X
Understand proper installation of outlets.				X	X
Understand proper installation of switches.				X	X
Understand proper installation of lighting.				X	X
Understand proper routing & fastening of wire.				X	X
Understand use & securing of conduit.				X	X
Understand bonding of metal components.				X	X
Design a complete branch or feeder circuit.					X

Demonstrate/utilize use of specialized tools. (Knockout kit, Conduit bender, Rotary cutter, Cat 5/5E Crimp tool, Fiber splicer, etc.)					X
Research career opportunities in electric and electronics					X
Identify renewable energy types and how they work					X
Explain electron theory					X
Understand primary vs secondary electricity uses					X
Exhibit awareness and understanding of bouncing voltage (loose neutral)					X
Understand electronics coding, motherboard creating, etc.					X
Understand motors and generators					X
Understand single phase vs three phase					X
Describe the difference between electric and electronic					X
Understand what inverters are and how they work					X
Identify ground rods and their purpose					X
Understand misdirected neutral current					X
Complete basic home wiring					X
Demonstrate mathematics for doing circuits - Boolean algebra					X
Design schematics					X
Repair small appliances					X
Understand National Electrical Code					X
Understand ground fault circuit interrupters; why and how it works					X
Understand arc fault circuit interrupters; why and how it works					X
Explore the concept of engineering; how parts and pieces come together to make a whole					X
Understand small appliance wiring					X
Utilize heat shrink tubing - insulation					X
Public Speaking					X
Audio/Video Presentation					
• Planning/Organizing					X
• Editing					X
Communication Skills					X

Updated 2/22

Project Title: Entomology

Description:

This project will help you study insects and their relationship with people. You can also learn how to collect, preserve, and identify insects.

State Fair Entries:

3 collection exhibits per county, one per level

3 educational exhibits per county, one per level

Educational Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Collection Exhibit Guidelines:

Specimens may be displayed in a collection box no larger than 24"x 18"x 3", displayed horizontally. Collections are to include the following:

- Title as Insect Collection year in Entomology
- Order – refer to ID-401, page 57.
- Display – mounted insects are to have been legally and personally collected in the United States and displayed in an 18"x24" collection box displayed horizontally. Collections including multiple boxes are to be numbered 1 of 3, etc. ID 401 A-F cards (for Beginner and Intermediate) and 401-I cards (for Advanced) are to be placed
  inside the display box in an attractive manner.
- Identification – Collection display boxes are expected to contain the specified number of insects, families, and
  orders specified (see chart below). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
- Pin Labels - Each pin or vial must contain two labels:
    1) Top label is to include collection date, location, and collector name.
    2) Bottom label is to include common name and other optional identification data.
- Box Labels – Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID- 401. If family level identification is required, the insects should be further grouped together under the correct family label.
- 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).

Judges evaluating collection exhibits should judge based on educational content, scientific accuracy, eye appeal and creativity.

Monarch Butterfly Statement:

Q: Many have noticed the decrease in number of Monarch butterflies both in Indiana and throughout the country and wonder if and how Entomology at Purdue is responding. Are 4-H and youth still required to catch these endangered insects for their collection boxes?

A: Monarch butterflies are now officially on the threatened species list. While we know that collecting Monarch butterflies for 4-H collections or displays does not constitute a significant risk to their population when compared to the effects of climate change, pesticide contamination and habitat loss, capitalizing on this opportunity to discuss their decline is an excellent way to bring public focus to this important issue. We want our youth (and all IN citizens) to recognize the Monarch butterfly, understand its biology and be empathetic to its conservation.

Therefore, we have instituted the following update to our youth and 4H Entomology programs. Effective immediately, we no longer encourage students to 'collect' Monarch butterflies for exhibits, displays or 4-H insect collections. But, rather than simply removing the Monarch butterfly from the list of 150 insects that 4-H students are to recognize, we want to highlight it so that students really do learn to recognize them and understand their peril. After all, the more we are familiar with this species, the more apt we will be to assist and support the conservation of this iconic species.

Link to a recent article from our Department pertaining to Monarch butterflies **(https://www.purduelandscapereport.org/article/where-have-all-the-monarch-butterflies-gone/)**

Spotted Lanternfly Statement

Q: Are there any new changes to rules or directions for the 4H or FFA youth projects or competitions that students and coaches should look for?

A: To keep the youth Career Development (CDE judging) and 4-H collection projects current, it is important to occasionally add new insects to the list. Due to the invasion of a serious new insect pest throughout the Midwest called the Spotted Lanternfly, we have added it to the list of insects found in the "How to Make an Awesome insect Collection and (ID-401) and Who Let the Bugs Out (ID-402) extension resources. Please be aware that students are now expected to identify and understand its biology and behavior as well as its potential impact in Agriculture.

Indiana 4-H Youth Development partners with Purdue University academic departments to develop 4-H project guidelines. The Monarch butterfly and Spotted Lanternfly statements are provided by Dr. Timothy J. Gibb, Department of Entomology.

Exhibit Class Guidelines:

Beginner (1ˢᵗ-3ʳᵈ Year in Entomology)

Create a collection based on the year in Entomology or an educational exhibit.

Year in Entomology	Collection Information	Total Boxes
1ˢᵗ year	10 insects, identified and pinned on cards (ID 401A)	1
2ⁿᵈ year	20 insects, mounted (pins or vials). Identify all insects by common name and identify five (5) to order. Include card ID 401B.	1
3ʳᵈ year	30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include ID 401C.	1

Intermediate (4ᵗʰ-6ᵗʰ Year in Entomology)

Create a collection based on the year in Entomology or an educational exhibit.

Year in Entomology	Collection Information	Total Boxes
4ᵗʰ year	40 insects, exhibit a minimum of 6 orders, mounted (pins or vials). Identify all insects by common name and order. Include ID 401D.	2
5ᵗʰ year	50 insects, exhibit a minimum of 8 orders, mounted (pins or vials). Identify all insects by common name and order. Identify ten (10) to family. Include card ID 401E.	2
6ᵗʰ year	60 insects, exhibit a minimum of 10 orders, mounted (pins or vials). Identify all insects by common name and order. Identify 30 to family. Include card ID 401F.	2

Advanced (7ᵗʰ-10ᵗʰ Year in Entomology)

Create a collection based on the year in Entomology or an educational exhibit. Advanced level insect collections are to also include an education box, for a total of four boxes. Advanced level youth may instead create an independent study topic of choice.

Year in Entomology	Collection Information	Total Boxes
7ᵗʰ year	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect behavior. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3
8ᵗʰ year	80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect pest management. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3

	Card ID 401I download	
9th year	90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insects in the environment. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3
10th year	100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: benefits of insects. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only. Card ID 401I download	3

Project Title: Fine Arts
Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity through painting and drawing.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A (see page 62). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor. Oil, charcoal, pastels, pencil, ink, acrylic, watercolor or similar artistic work can be displayed on canvas, canvas board, or paper. All work must be framed as a picture and prepared for hanging. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger. Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate artwork.

Project Title: Floriculture

Description:

Youth will learn basic information and skills needed to grow healthy plants and flowers as well as floral design techniques.

State Fair Entries:

8 floral exhibits per county, 2 per level

4 educational exhibits per county, 1 per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Floral arrangements can be constructed using fresh flowers and greenery grown yourself or purchased, flowers and greenery dried yourself or purchased, or artificial flowers or greenery.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Floral Option - Create a simple bud vase (1-3 stems of main flower plus appropriate filler and/or greenery) or simple round arrangement (small, compact round cluster of flowers plus appropriate filler and/or greenery).

Educational Display Option – Create a poster, notebook or display about one of the following:

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

6. Explore and explain how to care for a 'sick' plant.
7. Report on interview with a floriculture professional (what do they do, types of jobs, type of training, hours worked, etc.)
8. Describe an experiment you did and the results.
9. Describe a community service project you did related to your flowers project.
10. Another similar activity.

Level B (grades 5-6 suggested)

Floral Option – Create a mixed planter that includes 3 or more kinds of plants, make an item from dried plants, or display a house plant (flowering or non-flowering) you've grown.

Educational Display Option – Create a poster, notebook or display about one of the following:

1. Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
2. Explore and explain: insects and your flowers and/or herbs.
3. Explore and explain: starting seeds indoors -- the process and pros and cons.
4. Explore and explain: perennials -- what are they, how are they used, benefits or drawbacks.
5. Investigate and describe a butterfly garden -- what types of plants, benefits to insects and butterflies, etc.
6. Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes.
7. Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or successes.
8. Explore and explain: plant biology -- form and function, growth, photosynthesis, etc.
9. Explore and explain: how to grow plants indoors -- things to consider, common problems and solutions.
10. Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature).
11. Describe an experiment you did and the results.
12. Explore and explain topics from "Imagine That" -- plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers.
13. Another similar activity.

Level C (grades 7-9 suggested)

Floral Option – Create a terrarium, combination or European planter (3 or more kinds of plants), corsage, boutonniere, or specialty arrangement in a container (using dried flowers, roses, or lilies as the primary content).

Educational Display Option – Create a poster, notebook or display about one of the following:

1. Explore and explain: vegetative propagation -- how to, different types, problems and solutions, different uses of.
2. Explore and explain: plant nutrients -- what are they, why does the plant need them, what happens if the plant has too much or too little, planters or containers vs. garden.
3. Investigate the design of multiple plant containers -- how to, things to considers, selecting plant materials, uses of.
4. Describe how you created your corsage or boutonnieres; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
5. Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material).
6. Explore and explain: preserving cut flowers -- how, problems, uses of and/or diseases related to cut flowers.

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

Level D (grades 10-12 suggested)

Floral Option – Create a seasonal arrangement, modern or contemporary arrangement, bridal bouquet, special occasion centerpiece, or plant you have propagated and grown yourself.

Educational Display Option – Create a poster, notebook or display about one of the following:

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

Another similar activity.

Project Title: Foods, Baked

Description:

The foods project teaches basic baking, preservation and nutrition education skills.

State Fair Entries:

2 Level A entries per county.

2 Level B entries per county.

3 Level C entries per county.

3 Level D entries per county.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Purdue Extension Food Safety Policy (revised 10/2022):

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

Foods should be transported to the competition in a way that minimizes contamination and maintains the quality of the food (i.e. foods that are judged as frozen should remain frozen at all times).

Recipes <u>must be provided</u> that identifies all ingredients that were used in each part of the product. <u>Any ingredient that could be a potential allergen must be clearly identified.</u> Potential food allergens include, but are not limited to, milk, eggs, peanuts, tree nuts, fish, crustacean shellfish, wheat, soy and sesame. Each food product must be labeled with the following information:

- *Name*
- *Date the food product was made*

Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. If cuts are present, the wound should be bandaged and a single use food service glove worn on the hand during all stages of food production. Contestants should not be preparing food exhibits for competition within 48 hours of recovering from any illness. People experiencing symptoms of vomiting, diarrhea, fever, and/or jaundice should not be allowed to prepare

food.

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

Baked food products may be from a boxed mix following the instructions, a boxed mix with added ingredients, or ingredients combined from scratch. Youth are to place their name, county and club on the bottom side of their plate, pan or other container and the official entry tag provided will be placed with the exhibit.

A completed recipe card is to be submitted with each exhibit. Recipe cards are for judging purposes only and will not be returned to the exhibitor. Laminating, wrapping the recipe card in plastic, or placing it in a clear plastic bag is optional. 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.

Baked food products should be covered during transport and displayed on a paper or foam plate, or another type of disposable container. Pies, casseroles and other similar items are to be baked in a disposable pan. Cakes and sticky items may be displayed on a cardboard strong enough to support the item and covered in foil, plastic, wax paper, or similar substance.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Perishable baked exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana homeless shelter.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

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

- Three uniced snack sized cookies.
- Three standard sized unlined muffins.
- Three standard sized unlined muffins containing an ingredient that is a source of Vitamin A or C.
- Three snack sized granola bars.
- Three snack sized brownies or blondies.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Level B (grades 5-6 suggested)

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

- A single layer cake without frosting.
- A single layer reduced-fat cake without frosting. Reduce the amount of fat in the recipe by using a fruit puree or baby food fruit product that does not contain yogurt.
- A standard loaf-sized quick bread.
- A standard loaf-sized quick bread containing an ingredient that is a source of Vitamin A or C.
- A coffee-cake.
- A coffee-cake containing an ingredient that is a source of Vitamin A or C.
- Three biscuits or scones that are plain, sweet or savory.
- Three biscuits or scones that are plain, sweet or savory using a whole grain flour mixture.
- Three biscuits or scones that are plain, sweet or savory containing an ingredient that is a source of Vitamin A or C.
- Three no-yeast, any shape pretzels (shaped, stick or nugget).
- Three no-yeast, any shape pretzel with a whole grain flour mixture (shaped, stick or nugget).
- Three no-yeast breadsticks.
- Three no-yeast cinnamon rolls or other flavored roll without icing or glaze.
- A no-yeast sweet bread without icing or glaze.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Level C (grades 7-9 suggested)

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

- Three yeast bread sticks or yeast rolls (any shape, medium size – not a sweet roll)
- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour mixture. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- A yeast bread loaf or braid. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home breadmaker.
- A yeast bread (can be loaf, braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home breadmaker.
- Homemade pizza using a yeast dough. Judges are not expecting this item to be presented hot out of the oven.
- One package of an, invented healthy snack (such as a granola bar, popcornsnack, trail mix, etc.). Your snack must include at least 2 food groups from MyPlate. Exhibit must include your snack product and a separate folder containing a marketing plan with product name, recipe, how it will be packaged, a package design, where it will be sold and suggested selling price. Style your snack for a photo shoot and include the picture in your marketing plan. Label should include product name, date, quantity, and serving size.
- Prepare an entrée casserole that meets three MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven.

- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar baked item.

Level D (grades 10-12 suggested)

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

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

Project Title: Foods, Preserved

Description:

The foods project teaches basic baking, preservation and nutrition education skills.

State Fair Entries:

2 Level A entries per county.
2 Level B entries per county.
3 Level C entries per county.
3 Level D entries per county.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Refer to the [Purdue Extension Food Preservation](#) web site for resources and Purdue Extension educators trained to answer food preservation questions.

Purdue Extension Food Safety Policy (revised 10/2022):

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

Foods should be transported to the competition in a way that minimizes contamination and maintains the quality of the food (i.e. foods that are judged as frozen should remain frozen at all times).

Recipes <u>*must be provided*</u> *that identifies all ingredients that were used in each part of the product.* <u>*Any ingredient that could be a potential allergen must be clearly identified.*</u> *Potential food allergens include, but are not limited to, milk, eggs, peanuts, tree nuts, fish, crustacean shellfish, wheat, soy and sesame. Each food product must be labeled with the following information:*

- *Name*
- *Date the food product was made*

Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. If cuts are present, the wound should be bandaged and a single use food service glove worn on the hand during all stages of food production. Contestants should not be preparing food exhibits for competition within 48 hours of recovering from any illness. People

experiencing symptoms of vomiting, diarrhea, fever, and/or jaundice should not be allowed to prepare food.

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

A completed recipe card is to be submitted with each exhibit. Recipe cards are for judging purposes only and will not be returned to the exhibitor. Laminating, wrapping the recipe card in plastic, or placing it in a clear plastic bag is optional. 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.

Preserved food products should be displayed in an appropriate container, preferably disposable. Containers will not be returned to the exhibitor.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Frozen exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana homeless shelter. Home-canned exhibits will be displayed but will be disposed at the state fair's conclusion.

Exhibit Class Guidelines:
Level A (grades 3-4 suggested)

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

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

Level B (grades 5-6 suggested)

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

- One uncooked frozen mini-pizza using whole-grain pita bread, English muffin, bagel, or already prepared crust (no larger than 7" in diameter) with toppings of your choice. Include at least 4 MyPlate food groups on your pizza. Meat toppings such as hamburger, sausage, bacon, etc. must be cooked. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.
- One package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen fruit or vegetable juice. Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen soup. Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- A frozen ready-to-eat breakfast sandwich, burrito or similar item. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Level C (grades 7-9 suggested)

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

- One (1) container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.

- One jar of a canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbecue sauce, or salsa. Include index card with recipe and instructions for cooking or using the product. Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. *Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.*

- One jar of a canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. *Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.*

- Frozen yeast dough (bread loaf, roll balls, sticks, pizza, etc.). Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.

- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.

- Any similar preserved item.

Level D (grades 10-12 suggested)

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

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

Project Title: Forestry

Description:

This project teaches youth natural resources and forestry related skills.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate, prepare a herbarium collection that contains at least 25 native Indiana forest leaves, or prepare a herbarium collection that contains at least 25 native Indiana forest shrubs. Youth can also design and complete an independent study activity.

Herbarium Collections - 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 when collecting and identifying specimens. The herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. Youth may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Project Title: Garden

Description:

Youth will learn about plant growth, soil nutrition, and management of insects and diseases related to fresh vegetable and herb production.

State Fair Entries:

1 collection per member, unlimited number of county entries.

5 single vegetable entries per member, unlimited number of county entries.

3 herb entries per member, unlimited number of county entries.

1 potato tray entry per member, unlimited number of county entries.

1 tomato plate entry per member, unlimited number of county entries.

1 educational exhibit entry per county.

Exhibit Guidelines:

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Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Refer to Suggested 4-H Garden Exhibits, 4-H 970-w, to learn about size, weight, and other suggested specifications.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Vegetable exhibits entered for state fair competition will not be displayed and instead will be donated to a central Indiana food bank.

Exhibit Class Guidelines:

Level A (grades 3-4 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level B (grades 5-6 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level C (grades 7-9 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Level D (grades 10-12 suggested)

Choose one or more options outlined below. All vegetable and herb exhibits must include common name and variety. Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

Garden Collection Option

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

Single Vegetable Option

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

Vegetable	Plated Display Description
Asparagus	Asparagus, 5 spears
Beans	Cowpea, black-eyed pea, southern pea, etc., 10 pods or ½ cup shelled
Beans	Snap, Green or Wax, 10 pods
Beans	Lima-large or small - 10 pods or ½ cup shelled
Beans	Navy, kidney, shell out, etc.-1/2 cup shelled
Beets	Round, flat, and long types, 3
Broccoli	Broccoli, 1 head
Broccoli raab	Broccoli raab, 3 heads
Brussels sprouts	Brussels sprouts, 5 heads
Cabbage	Chinese type (bok choy or pak choi), 1 head
Cabbage	Chinese type (napa cabbage), 1 head
Cabbage	Round, Flat or Pointed type, 1 head
Carrots	Carrots, 3
Cauliflower	Cauliflower, 1 head
Celery	Celery, 1 bunch
Chard	Chard, 10 bundled leaves
Collards	Collards, 10 bundled leaves
Corn	Sweet-yellow, white or bicolor, 3 ears
Cucumbers	Dill, Pickling, 3
Cucumbers	English or hothouse, 1
Cucumbers	Slicing with seeds, 3
Eggplant	Eggplant, 1
Kale	Kale, 10 bundled leaves
Kohlrabi	Kohlrabi, 3
Muskmelon	Muskmelon (cantaloupe), 1
Okra	Okra, 3 pods
Onions	Green, 5 onions in a bunch
Onions	Red, Yellow or White, 3
Parsnip	Parsnips, tops off, 3
Peas	Peas, edible pod such as snow peas ,10 pods
Peas	Peas, unshelled, 10 pods

Peppers	Bell type, 3
Peppers	Chili type, 3
Peppers	Serrano type, 3
Peppers	Banana/Long/Wax/Hungarian type, 3
Peppers	Pimiento type (red), 3
Peppers	Cayenne type, 3
Peppers	Jalapeno type, 3
Peppers	Cherry type, 3
Peppers	New Mexican, long green, Anaheim type, 3
Peppers	Ancho type, 3
Peppers	Tabasco type, 3
Peppers	Habanero type, 3
Potato	Potatoes, any color, 3
Pumpkin	Pumpkin, (other), 1
Pumpkin	Table, Canning, or Ornamental, 1
Radishes	Radishes, 5
Rhubarb	Rhubarb, 3 stalks bundled
Rutabaga	Rutabaga, 3
Spinach	Spinach, 10 bundled leaves
Squash	Banana, or other large winter squash type, 1
Squash	Buttercups, Turbans, 1
Squash	Butternut, 1
Squash	Cushaw, 1
Squash	Hubbards – blue, green or golden, 1
Squash	Scallops/Patty Pans, 1
Squash	Straight or crookneck – i.e. summer squash, 1
Squash	Acorn, 1
Squash	Zucchini or cocozelle, 1
Sweet Potato	Sweet potatoes, 3
Tomatillos	Tomatillos, 3
Tomato	Any tomato, 1 or tomato plant, 1 (county-only) – NEW for 2025!
Turnips	Turnips, 3
Watermelon	Watermelon, 1
Any Other Vegetable	Any vegetable not listed above, include 1-3 specimens

Herb Option

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

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

Potato Tray Option

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

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

Tomato Plate Option

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

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

Educational Exhibit Option

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

Project Title: Genealogy

Description:

This project helps young people know where their ancestors resided, traveled, and developed some family tradition.

State Fair Entries:

5 entries per county; one per division.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.

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

The exhibit will consist of no more than four (4) notebooks for Division 1-4 and first year Advanced Division. (If a notebook requires additional space, label it as notebook x, continued.) Those notebooks are:
- Book #1 – Appropriate size notebook or binder, contains introduction sheet, pedigree charts and family group sheets
- Book #2 – Appropriate size notebook or binder, contains additional information worksheets and diary of work
- Book #3 – Appropriate size notebook or binder, contains supporting documents, pictures, etc.
- Book #4 – Appropriate size notebook or binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)
- Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.

Note – Youth may consolidate information in order to have fewer notebooks. In this case indicate on the cover the notebook numbers included and use dividers to separate information by notebook number as well as contents as indicated below.

Notebooks should be tabbed and in the following order (tabs are to be easily visible to the reviewer):
Book #1 - Introductory Page; Pedigree Charts; Family Group Sheets
Book #2 - Additional Information Worksheets; Diary of Your Work
Book #3 - Any Other Documents (label with ancestor numbers on tab)
Book #4 – Advanced Division Options (label each tab separately with the specific option); Diary of Your Work (this will be a second diary describing work done for each advanced division option)

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

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

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

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

After exhibiting the 1st year of the ADVANCED Division, only the Advanced Division notebook (Book #4) with ALL OPTIONS (no pedigree charts, no family group sheets, no additional information sheets, no documents from Divisions 1-5) needs to be exhibited each year the genealogy project continues.

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

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Division 1 (1st year in project suggested)

1. Exhibit notebook that includes the following:

   • Book #1
      • An Introduction page with a recent photograph of yourself.
      • Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in

military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at the** www.extension.purdue.edu/4-H, **4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts.

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

Division 2 (2ⁿᵈ year in project suggested)

- Exhibit notebook that includes the following:
  - Book #1
    - Four-generation pedigree chart. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at** www.extension.purdue.edu/4-H, **4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts

    - A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide 4-H 748).
  - Book #2 (Ancestors 8-15 information)
    - An additional information worksheet for each set of great grandparents.
    - A diary of your work
  - Book #3 (Ancestors 8-15 information)
    - Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.
    - Any other documents or pictures pertaining to these generations, correctly labeled.
  Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 2 ancestors 8-15 and related information.

Division 3 (3ʳᵈ year in project suggested)

- Exhibit notebook that includes the following:
  - Book #1
    - Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at** www.extension.purdue.edu/4h, **4-H 748Pc-W or 4-H 748Pbw-W,** or the commercial software forms**,** but not the old "packet"

pedigree charts
- Additional Family Group Sheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748.).
- Book #2 (Ancestors 16-31 information)
  - Additional information worksheets
  - A diary of your work
- Book #3 (Ancestors 16-31 information)
  - Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the future, or about life goals you hope to attain.
  - Any documents or pictures pertaining to these generations, correctly labeled.

Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 3 ancestors 16-31 and related information.

Division 4 (4th year in project suggested)

- Exhibit a notebook(s) that includes the following:
  - Book #1
    - Six-generation pedigree charts, ancestors #1 through #63.Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. **You must use the pedigree charts listed at** www.extension.purdue.edu/4-H, **4-H 748Pc-W or 4-H 748Pbw-W**, or the commercial software forms, but not the old "packet" pedigree charts

    - Additional Family Group Sheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the Information").
  - Book #2 (Ancestors 32-63 information)
    - Additional information worksheets
    - A diary of your work
  - Book #3 (Ancestors 32-63 information)
    - A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
    - Any documents or pictures pertaining to these generations, correctly labeled.

Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 4 ancestors 32-63 and related information.

Advanced (5th year and above in project suggested)

- Exhibit notebook that includes the following:
  - Book #1
    - Seventh and eighth-generation pedigree charts, ancestors #64 through #255. If ancestry is unknown, please indicate as Unknown. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number

of ancestors.
- Your family group sheet for generations seven and eight.
  - Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).
- Book #2 (Ancestors 64-255 information)
  - Additional Information worksheets
  - Diary of your work
- Book #3 (Ancestors 64-255 information)
  - Any documents or pictures pertaining to these generations; correctly labeled.
- Book #4
  - One new advanced level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.

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

Advanced Division Year 2 and beyond – Exhibit Book #4 that contains advanced division options and a second diary of work. If additional ancestry information was found in the seventh and eighth generation, exhibit Book 1 noting ancestors completed this year along with Books 2 and 3 demonstrating this year's work.

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

A. A migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of the migrations.
B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.
C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.
D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.
F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.

G. Complete a family line or lines back as many generations as possible beyond eight generations (ancestors 256 and beyond). Include pictures, maps and documents. Be sure to include proper labels and sources.

H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.

I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.

J. Family DNA history. (This can be a very expensive option) Please include charts and explanations. i.e. use pie charts, ethnicity estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

K. Any other genealogy related activity of choice.

Project Title: Geology

Description:

Geology involves studying the earth's crust, its layers, and their history. Youth learn to identify Indiana rocks, minerals, and fossils.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Specimens may also be displayed in a collection box no larger than 24"x 18"x 3", displayed horizontally.

You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase a specimen, indicate when and where you purchased it and the location where you would expect to find the specimen. If you collect a specimen, indicate the county and township where you found it.

Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to mount your specimens securely. Subject matter experts 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.

When exhibiting rocks show a fresh surface (recently cracked or broken surface) to help judges identify the rock.

Labels - Include the specific geographical location where you would expect to find any specimens as well as where you actually acquired it (found, purchased, etc.).

Do not identify your specimens any further than phylum and class. There is one exception to this for fossils which are identified to phylum OR class. Class should only be used for fossils of mollusks, backboned animals, and arthropods.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 8-16 minerals and/or fossils.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 15-25 minerals and/or fossils and/or jewel stones. Youth can also design and complete an independent study activity.

Project Title: Health

Description:

The 4-H Health project is designed for youth interested in basic first aid and healthy well-being, as well as those interested in pursuing a medical profession career.

State Fair Entries:

3 exhibits per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create a family first aid kit, emergency kit, an emergency kit to take on a hiking, biking, skiing or similar trip, or another similar kit.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create a personal nutrition kit to use when doing physical activity like chores, working out at the gym, hiking, biking, skiing, or another similar kit.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create an activity or guide to help yourself or others become more aware of financial wellness, mental health, disease prevention, or other similar topic that promotes healthy habits. Youth can also design and complete an independent study activity.

Project Title: Home Environment

Description:

Youth will apply the principles of design to home design and decoration as well as learn about care of home furnishings.

State Fair Entries:

6 per county; two per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Choose one of the following options:

- Furniture Item and Notebook – create a wall hanging, storage organizer, a set of 3-5 accessory items or something similar for the home or similar activity.
- Design Board and Notebook – color a line drawing from your manual and create three color schemes, color a line drawing from your manual and demonstrate dominant and supportive color, or display a line drawing showing where furniture would be placed in the room or similar activity.
- Portfolio – Collect different color schemes, magazines showing different furniture designs, or magazines/photographs of formal vs informal balance, dominant and supportive colors, etc. or similar activity.

Intermediate (grades 6-8 suggested)

Choose one of the following options:

- Furniture Item and Notebook – refinish or repurpose a piece or set of furniture, storage unit, or display a collection of 3-5 similar home accessory items, or similar activity.

- Design Board and Notebook – create a line drawing for a room in your home showing furniture layout, accessory items and fixtures or similar activity.
- Portfolio – display a sample of three different types of wall treatment with explanation of each, three different floor treatments with explanation of each, an energy plan for your home, or similar activity.

Advanced (grades 9-12 suggested)

Choose one of the following options:

- Furniture Item and Notebook – refinish or repurpose a piece or set of furniture, storage unit, or display a collection of 3-5 similar home accessory items, or similar activity.
- Design Board and Notebook – display a floor plan for any room of your house or the whole house or apartment, or similar activity.
- Portfolio –display a sample of three different lighting or window treatments with an explanation of each, interview an interior designer and prepare a report, a home energy saving proposal plan, or similar activity.

Exhibit Categories:

Furniture Item and Notebook

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

Design Board and Notebook

Standard 22" x 28" poster, displayed horizontally with a firm backing. Design boards must be covered with plastic to protect and help hold items in place. An identification name tag must be attached in the lower right corner. The notebook is to help explain the who, what, when, where, why, and how of the chosen design. This can be a "before and after project" or "plan in the future" project.

Portfolio

Standard notebook (3-ring binder). If 4-H members choose to do this option more than one year, we suggest that they keep the previous year's materials in the notebook. Place materials for the current year in the front, with the previous year's materials clearly marked or labeled at the back. Always place your identification information in the notebook.

Project Title: Lawn and Garden Tractor Safety and Operator Skills

Description:

The 4-H lawn and garden tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries:

4 educational exhibits per county; one per level

3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest. 3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines:

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

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option

The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a lawn and garden tractor. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a lawn and garden tractor due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested)

Youth will demonstrate their operation skills by driving a lawn and garden tractor through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested)

Youth will demonstrate their operation skills by driving a lawn and garden tractor through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Project Title: Model Craft

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity when building a model.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a [4-H Craft Information Card, 4-H 618A (see page 62)](). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

Exhibits must be a small scale replica made of injected styrene plastics with approximately 25% of the surface painted. Wood, paper, clay die-cast, or snap together models are not permitted. Screws and pre-painted or pre-decaled factory models are not permitted. Exhibits made from building blocks (Lego) are not permitted.

If the model is being built from a kit, include a copy of the instructions with the information card. Original instructions should be kept by the exhibitor in a safe location at home.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate model.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate model.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate model.

Project Title: Needle Craft

Description:

Allows youth to learn life skills and grow in project knowledge while expressing creativity in needle crafts.

State Fair Entries:

2 entries per county as determined by the county 4-H educator and fair officials.

Exhibit Guidelines:

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A (see page 62). This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.

Hand crafted knitting, embroidery, crocheting, needlepoint, crewel, candle wicking, chicken scratching, hand quilting, tatting, huck embroidery, and hemstitching are suggested exhibits. Entries may also include pulled, drawn and counted thread work and punch needle work. Needle craft exhibits do not include latch hook, plastic canvas, machine knitting, machine quilting, or arm knitting/crocheting.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate needle craft.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate needle craft.

Advanced (grades 9-12 suggested)

Create and exhibit one age/grade appropriate needle craft.

Project Title: Photography

Description:

This project teaches youth how to take quality photographs with a camera or digital device.

State Fair Entries:

2 beginner per county

3 intermediate per county

3 advanced per county

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

All images are to be original images taken by the 4-H member during the current program year. Captions are not recommended.

Print board exhibits are to include 10 photos mounted on a poster as described above, each no larger than 5"x7". Number each print 1-10. Prints may be a mix of digital and/or standard development. Create a title of choice for the print board exhibit. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Salon prints are to be no larger than 11"x14", mounted on a standard 16"x20" salon mount, and displayed vertically. Salon prints are to be placed in a clear plastic sleeve and captions are not recommended. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Images may be taken with a film camera, digital camera, cell phone, or other electronic device. Replacing any pixels of the original digital image is to be entered in the **creative/experimental** category. This includes, but not limited to, using artificial intelligence (AI), any erasing tool, healing tool, patch tool, or any tool that replaces any of the original pixels. Creative/experimental exhibits must include the original photo on the back side of the board, a description of how the image was altered, and equipment/software used to alter the image.

Editing photos such as cropping, color adjustment, and other enhancements are considered to be part of the normal photography educational learning process and are permissible. So judges can better evaluate a photography exhibit, the 4-H member is asked to attach to the back of their salon or print board exhibit the make and model of camera used and a description of any editing.

A photo that has been modified to change the original intent, meaning or story captured should be entered in the creative or experimental class. Photos exhibited as creative or experimental are to attach to the back of their exhibit the make and model of camera used, software or other tools used to change the photo, a description of how the photo was changed, and copy of the original photo before editing.

Sepia tone photographs (mono chromatic) are to be entered as black and white photos.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Intermediate (grades 6-8 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Advanced (grades 9-12 suggested)

Choose one or more of the following exhibits:

- Black and White Print Board
- Color Print Board
- Black and White Salon Print
- Color Salon Print
- Creative/Experimental Salon Print

Project Title: Sewing Fashion Revue

Description:

This project teaches youth skills to present themselves in a professional manner by providing an opportunity for youth to model the outfit constructed in the 4-H sewing project.

State Fair Entries:

6 senior exhibits per county with no more than two exhibits per category. An exhibitor may participate in only one senior fashion revue category at state fair.

Note – State fair fashion revue grand champion will be selected from the six senior sewing category champions modeling their sewn garment or outfit.

Exhibit Guidelines:

All garments and outfits modeled in Fashion Revue must have been constructed by the 4-H member modeling that same garment or outfit. Youth qualifying to exhibit the same garment or outfit in Indiana State Fair Sewing and Sewing Fashion Revue must choose which project they wish to participate as one cannot exhibit the same garment or outfit in both projects at state fair.

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

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Junior (grades 3-7 suggested)

Model the garment or outfit constructed for the sewing project. Accessories may be purchased or selected from what you currently have. There is no junior class at state fair.

Senior Categories (grades 8-12 suggested)

Informal or Casual Wear: A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities. In this category, a complete outfit is defined as a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a combination, such as pants, vest, blouse or shirt.

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. A complete outfit is defined as a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt. Individual garment examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international

costumes, capes, and unlined coats.

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

Separates: Consists of three garments that must be worn as a coordinated complete outfit. In this category, a complete outfit is defined as a garment or garments that when put together make a complete look - a three piece combination, such as pants, vest, and blouse or shirt. 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.

Project Title: Sewing, Non-Wearable

Description:

The sewing project teaches fabric selection, pattern selection and sewing machine use to construct items used around the home or other purposes.

State Fair Entries:

10 exhibits per county; one per grade level

Exhibit Guidelines:

Older youth enrolled in the 4-H sewing project for the first time may not feel comfortable demonstrating their assigned grade level skills. In this instance the county 4-H youth development educator may, at the request of the 4-H member and parent, assign the member to a lower level grade level to develop fundamental skills.

Provide a completed sewing skills card (Project Exhibit Card) with the exhibit. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Grade 3

Create one non-wearable sewn item demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W.

Grade 4

Create one non-wearable sewn item, or set of items, demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in the prior grade.

Grade 5

Create one non-wearable sewn item, or set of items, demonstrating at least 3 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 6

Create one non-wearable sewn item, or set of items, demonstrating at least 4 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 7

Create one non-wearable sewn item, or set of items, demonstrating at least 5 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grades 8, 9, 10, 11 and 12:

Create one non-wearable sewn item, or set of items, demonstrating at least 6 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades:

Project Title: Sewing, Wearable

Description:

The sewing project teaches fabric selection, pattern selection and sewing machine use to construct garments and outfits to be worn by the 4-H member or another person.

State Fair Entries:

5 junior exhibits per county; one per grade level

6 senior exhibits per county; one per category

Exhibit Guidelines:

Older youth enrolled in the 4-H sewing project for the first time may not feel comfortable demonstrating their assigned grade level skills. In this instance the county 4-H youth development educator may, at the request of the 4-H member and parent, assign the member to a lower level grade level to develop fundamental skills.

Provide a completed sewing skills card (Project Exhibit Card) with the exhibit. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Junior Exhibit Class Guidelines:

Grade 3

Create one clothing article to be worn by the 4-H member or another person demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W.

Grade 4

Create one clothing article to be worn by the 4-H member or another person demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in the prior grade.

Grade 5

Create one clothing article or a simple two piece outfit to be worn by the 4-H member or another person demonstrating at least 3 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 6

Create two garments that can be worn together to be worn by the 4-H member or another person demonstrating at least 4 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 7

Create an outfit that can be worn by the 4-H member or another person demonstrating at least 5 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Senior Exhibit Category Class Guidelines (grades 8-12 suggested):

Youth may enter an exhibit in one or more categories. Create an outfit from one of the categories defined below that can be worn by the exhibitor or another person demonstrating at least 6 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

All senior sewing outfits exhibited in Fashion Revue must be made and worn by the exhibitor.

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

Informal or Casual Wear:

A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities. In this category, a complete outfit is defined as a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a combination, such as pants, vest, blouse or shirt.

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. A complete outfit is defined as a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt. Individual garment examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

Suit or Coat:

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

Separates:

Consists of three garments that must be worn as a coordinated complete outfit. In this

category, a complete outfit is defined as a garment or garments that when put together make a complete look - a three piece combination, such as pants, vest, and blouse or shirt. 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.

Indiana 4-H Sewing Skills and Techniques

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate skills to incorporate in a sewing wearable garment or outfit for exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering. Exhibited items must demonstrate the minimum skill techniques expected for their given grade level as outlined in the exhibit requirements. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning sewing skills and techniques. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate. It is always recommended to follow pattern instructions and demonstrate those mastered skills. Before purchasing a pattern it is important it be age and grade appropriate for the 4-H member. Fabric type should also be appropriate for the 4-H member's age and grade.

Grades 3-7

Grade 3 and 4 exhibits must demonstrate two of the following skills, Grade 5 three skills, Grade 6 four skills, and Grade 7 five skills.

- Use a simple seam finish
- Insert elastic or a drawstring
- Do a machine-stitched hem
- Do a hand-stitched hem
- Do a machine-blind hem
- Do machine topstitching
- Stitch in the ditch
- Stitch curved seams
- Sew and trim a crotch or curved seam
- Trim or grade seams to reduce bulk
- Staystitch and understitch
- Apply a facing
- Use interfacing (can be iron-on or sew-in)
- Apply a collar
- Attach cuffs
- Make darts
- Gather fabric
- Insert a center-placed zipper
- Insert a lapped zipper
- Insert an invisible zipper
- Insert a separating zipper
- Insert a fly-front zipper
- Match fabric design (i.e. match plaids)
- Gather fabric
- Apply ruffles, trim, piping, binding, or ribbing (can be purchased or self-made)
- Sew with knit
- Insert sleeves
- Make/apply patch, inseam, or front-hip pockets
- Use a simple lining
- Hand-sew buttons
- Make machine buttonholes
- Sew tucks or pleats
- Construct with a serger
- Use machine or hand applique
- Do machine quilting
- Use a twin needle
- Any other skill not listed

Any additional skill(s) learned from using the pattern, or others taught by the mentor/instructor that are age and grade appropriate are also acceptable. Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Grades 8, 9, 10, 11 and 12 – Demonstrate at least 6 of the following skills:

- Make darts or tucks
- Add lining
- Use underlining
- Add facings
- Add a placket
- Add lapels
- Insert sleeves
- Gather fabric
- Apply ruffles, trim, piping, binding, or ribbing (can be purchased or self-made)
- Insert elastic or add a drawstring
- Use shaped or curved seams
- Add a waistband
- Apply machine topstitching
- Make/apply patch, inseam, front hip, or welt pockets
- Match fabric design (i.e. plaids)
- Make shoulder pads
- Apply machine embroidery
- Do hand or machine beading
- Attach cuffs
- Make pleats
- Add boning

- Apply a collar and/or neckband
- Add vents (i.e. jacket)
- Hand-sew buttons
- Make machine or hand-bound buttonholes
- Make button loops
- Make self-covered buttons
- Sew with knit or other difficult fabric
- Use twin needle
- Make a reversible article of clothing
- Do hand or machine quilting
- Apply machine or hand applique
- Insert invisible, separating, fly-front, lapped, or hand-picked zipper
- Do a machine topstitched hem
- Do a hand-stitched hem
- Do a machine blind hem
- Use specialty threads (i.e. embroidery)
- Make French/self-enclosed, flat-felled/lapped, or Hong Kong/bound seams
- Use/apply lace work, smocking, or ruching
- Construct garment with serger
- Any other skill not listed

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

Non-Wearable Sewn Item Skills

Non-wearable exhibits may utilize wearable sewn garment skills above, or any other skill that is age and grade appropriate. 4-H members should learn and demonstrate skills following pattern instructions or those provided by their mentor/instructor.

- Any junior or senior wearable sewing skill
- Non-observable skills such as basting, adjusting or designing pattern, using an AccuQuilt, or Cricut
- Using decorative hem finish
- Hand or machine quilting
- Accurate piecing of quilted item (i.e. seam crosses match, etc.)
- Internal and external pockets (i.e. those used in a bag)
- Insert a zipper in a bag or other non-wearable item
- Use fiberfill and/or batting or foam (can be fusible)
- Use specialty scissors
- Use Prairie Points as a trim
- Use mitered corners
- Use safety eyes and ball joints for stuffed animals
- Apply machine embroidery
- Quilt in the hoop
- Coordination of fabric for a quilted item including using fat quarters, charm packs, layer cakes, jelly rolls
- And other age and grade-appropriate skill not listed

4-H Sewing Skills and Information Exhibit Card

The sewing skills and information card must be included with each sewing wearable or non-wearable exhibit. If exhibits are evaluated in a closed-judging format, like state fair, information provided will help the judge better understand how the exhibit was constructed and skills mastered. This information card will help guide a conversation with the judge in an open/conference judging format, as is the case at most county fairs.

Name (Last, First):

Grade Level:

County:

Club:

1. How do you intend to use this garment or non-wearable exhibit?

2. Please list the sewing skills you mastered. The entire exhibit will be evaluated as a whole, but the judge will thoroughly evaluate skills demonstrating mastery. Refer to the sewing exhibit guidelines for the number of required skills to be demonstrated in each grade level.

3. Describe any challenges experienced when creating this garment or non-wearable exhibit and how you worked to overcome these challenges.

4. What did you learn this year by participating in the sewing project?

(Use the back side if additional space is needed.)

Project Title: Shooting Sports

Description:

The 4-H shooting sports project teaches safe operation of firearms and archery equipment.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Live ammunition is not allowed to be exhibited (no powder or primer). Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.

An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broadhead arrows are not allowed to be exhibited.

Displays involving firearms or bows may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines. Handmade items must include information explaining how the item was made and its intended use. Photos are encouraged.

Some county 4-H programs offer in-person shooting instruction, depending on facilities. Disciplines include archery, rifle, shotgun, muzzleloader and pistol. In-person instruction in any of these disciplines must be led by a 4-H certified instructor. While some counties provide an option to exhibit at the county level, there is no state fair exhibit in these specific disciplines. Contact your county 4-H educator to learn about discipline opportunities in your county.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing shooting sports skills.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing shooting sports skills. Youth can also design and complete an independent study activity.

Project Title: Small Engine

Description:

The 4-H Small Engine project creates the education and hands-on opportunity for youth to learn all about engines.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

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Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

The actual small engine may be displayed if mounted on a stable base. For safety reasons, all fluids (fuel and oil) must be removed before taking the exhibit inside a building. A notebook is to accompany the engine display and include details and pictures of what was done to the engine.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.

Advanced (grades 9-12 suggested)

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

Project Title: Soil and Water Science

Description:

The soil and water science project teaches youth about soil, water, and environmental stewardship.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

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

Project Title: Sportfishing

Description:

The 4-H sportfishing project teaches safe habits and youth develop an appreciation for natural resources.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing sportfishing skills.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about a sportfishing topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing sportfishing skills. Youth can also design and complete an independent study activity.

Project Title: Tractor Safety and Operator Skills

Description:

The 4-H tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries:

4 educational exhibits per county; one per level

3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest. 3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested)

Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested)

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

Operator Skills Option

The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a tractor. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a tractor due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested)

Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested)

Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Project Title: Veterinary Science

Description:

This project provides a hands-on learning experience that helps youth learn more about the Veterinary Science profession.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate. Youth may also choose to develop a teaching aid, develop a project in conjunction with a veterinarian and present a report about that project and its findings, or another report of your choosing.

Project Title: Weather and Climate Science

Description:

Youth will learn information about weather and climate science.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

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Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

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

Project Title: Wildlife

Description:

This project helps youth learn to identify wildlife, basic wildlife needs, and how wildlife interacts with other wildlife and people.

State Fair Entries:

3 per county; one per level

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

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

Project Title: Woodworking

Description:

The 4-H woodworking project provides youth with educational information about wood and how it can be used to construct items.

State Fair Entries:

4 per county; one per level.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Level 1 (grades 3-4 suggested)

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W. Exhibits may also include higher level techniques that have been mastered. Any higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 2 (grades 5-6 suggested)

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

judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 3 (grades 7-9 suggested)

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 4 (grades 10-12 suggested)

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Woodworking Exhibit Skills Sheet

Name: _____Club/County: _____

Level: ☐ Level 1   ☐ Level 2   ☐ Level 3   ☐ Level 4

(must demonstrate a minimum of five skills for the appropriate level from the Indiana 4-H woodworking tools, techniques and skills chart)

Note to Judge – While the entire exhibit is to be evaluated and critiqued, special attention and consideration is to be given to the five skills listed below.

Skill Description   Tools and Techniques Used

1. _____   _____

2. _____   _____

3. _____   _____

4. _____   _____

5. _____   _____

Other skills, tools, and techniques:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Include a diagram and assembly description on the back or attached to this skills sheet.

Indiana 4-H Woodworking Tools, Skills and Techniques

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate tools and skills to use and incorporate in a woodworking exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering with tools used. For example, some youth in level 2 might feel comfortable attempting level 3 tools/skills, but it is unlikely that a level 1 exhibitor will be able to successfully master the level 4 tools/skills. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning woodworking skills. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate.

The "X" indicates suggested level to learn respective skill. Exhibits must include a minimum of 5 techniques from their level indicated in the chart below but may include additional techniques from other levels as deemed appropriate, but nevertheless will be evaluated for quality. For example, Level 3 exhibitors may use any techniques found in Level 1 or Level 2 but the exhibit must include a minimum of 5 Level 3 techniques. Level 4 may use any techniques found in the lower three levels but must have a minimum of 5 Level 4 techniques.

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

MATERIAL SELECTION				
Wood	X			
Wood Products	X			
Plywood	X			
Fiberboard	X			
Synthetic Products			X	X
JOINTS				
Lap Joint	X			
Butt Joints	X			
Bisket Joints		X		
Doweled Joints		X		
Mortise and Tenon Joints			X	
Dado Joints			X	
Miter Joint				X
Dovetail Joints				X
Box Joints			X	X
TABLE ROUTING				
Bevels			X	
Dadoing			X	
Rabbeting			X	
Planing				X
Jointing				X
FASTENERS				
Screws	X			
Nails	X			
Bolting	X			
Gluing	X			
Pocket Hole Fasteners		X		
Brad Nailer				X
FINISHING				
Sanding	X			
Penetrating Finish	X			
Painting	X			
Varnishing		X		
Spraying				X
FREEHAND ROUTING				
Bevels			X	
Dadoing			X	
Rabbeting			X	
Planning				X
Jointing				X

Project Title: Zero-Turn Mower Safety and Operator Skills

Description:

The 4-H zero-turn mower and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries:

4 educational exhibits per county; one per level

3 junior and 3 senior driving contestants will qualify at the county level to compete at the area level contest. 3 junior and 3 senior driving contestants will qualify at the area level to compete at the state contest.

Exhibit Guidelines:

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

Youth may exhibit in the operator skills option, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4 suggested)

Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested)

Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested)

Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested)

Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option

The operator skills component is an educational and training activity conducted by adult 4-H volunteers. A parent or guardian is encouraged to be present when their child is operating a zero-turn mower. The adult 4-H volunteer has the authority to deny a child the opportunity to participate in the operator skills option when it is deemed a child is unable to safely operate a zero-turn mower due to size, weight, or any other reason that could place the child and/or others in harm.

Junior (grades 3-7 suggested)

Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested)

Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

2024-2025
Washington County Project Exhibit Guidelines

Anything Goes

Berries

Collections

Crops

Cupcake Decorating

Farm Toy Scene

Gift Wrapping

Junior Leaders

Microwave Cooking

Recycling

Sports

Project Title: Anything Goes
Description:
The "Anything Goes" 4-H project allows youth to explore subject matter outside of the recognized list of 4-H projects and really open their imagination to be involved in an area which they are interested in.

Note: If this project fits into another area, it will be moved to the appropriate area.

State Fair Entries:
County only project. No state fair entry.

Exhibit Guidelines:
This project is open to your imagination, subject matters could include but not limited to: Dance, Family Vacation, Hobbies, Inventions, History, Science, Theatre, Automobile Restoration, Racing, Taxidermy.

Your Exhibit may NOT
1. Display any weapons
2. Contain hazardous materials
3. Contain any live animals

Exhibit Class Guidelines:
Beginner-(Grades 3-5 Suggested)
Exhibit a poster, display or notebook relating to your project. Displays should be no larger than 48" x 48" x 48".
Intermediate-(Grades 6-8 Suggested)
Exhibit a poster, display or notebook relating to your project. Displays should be no larger than 48" x 48" x 48".
Advanced-(Grades 9-12 Suggested)
Exhibit a poster, display or notebook relating to your project. Displays should be no larger than 48" x 48" x 48".

Project Title: Berries

Description:
This project allows members to showcase plants or fruit they have grown, focusing on strawberries, blueberries, blackberries, or raspberries.

State Fair Entries:
No state fair entry.

Exhibit Guidelines:
Participants may display one of the following:

- **One potted plant** of any berry type (strawberries, blueberries, blackberries, or raspberries)
- **One quart-sized container** of whole, frozen berries of any type
- **Educational poster**

Note: All plants or fruit must have been started-prepared since the end of the previous fair.

Exhibit Class Guidelines:

Beginner (grades 3-5)

Intermediate (grades 6-8)

Advance (grades 9-12)

Project Title: Collections
Description:
The Collections project allows members to exhibit their accumulation of objects gathered for study or as a hobby.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Guidelines:
NOTE: The Collections Inventory Sheet must be ATTACHED to the Collections project.
1. All 4-H Collections must stay within the maximum size limit:
- Maximum box size - 18" x 24"
- Maximum poster size - 22" x 28"
- One notebook
- One display board

2. Items must be easily identified or labeled correctly and neatly. If an item can be easily identified on the collection sheet, an additional label is not necessary. For example, state magnets that have the name of the state on the magnet would not need additional labels, but an arrowhead collection would need additional labels because the arrowheads do not come with their own label.

3. The Washington County 4-H Council, Extension Office and/or the Washington County Fair Board are not responsible for theft or breakage, therefore discretion should be used in selection of Collections exhibit.

Exhibit Class Guidelines:
Beginner (grades 3-5)
Exhibit a display of items you have collected. Do a different collection the next year or do a continuation of the last collection. If doing a continuation of the last collection, your exhibit for the fair must include some items that were not included in past fair exhibits. All items must be easily identified or labeled.

Intermediate (grades 6-8)
Exhibit a display of items you have collected. Do a different collection the next year or do a continuation of the last collection. If doing a continuation of the last collection, your exhibit for the fair must include some items that were not included in past fair exhibits. All items must be easily identified or labeled.

Advanced (grades 9-12)
Exhibit a display of items you have collected. Do a different collection the next year or do a

continuation of the last collection. If doing a continuation of the last collection, your exhibit for

4-H Collections Inventory

NAME OF ITEM	DATE OBTAINED	WHERE OBTAINED

(You may add to this sheet each year. Draw a line to separate one exhibition year from another.)

Project Title: Crops
Description:

The Crops project allows members to exhibit crops they have grown or to educate the public on crops.

State Fair Entries:

County only project. No State Fair entries.

Exhibit Class Guidelines:
Beginner (grades 3-5), Intermediate (grades 6-8), and Advanced (grades 9-12)

Corn Exhibit Options: choose one or more of the following

• An age-appropriate poster or display board on the subject.
• 3 stalks of corn, including roots without soil. 4-H members must provide a bucket of water to exhibit plants in.
• 1 peck of corn harvested in the previous year. Corn should be displayed in a basket, glass jar, or similar container.

Note: Popcorn will be judged separately from field corn.

Hay Exhibit Options: choose one or more of the following

• An age-appropriate poster or display board on the subject.
• A section (14"x 18"x 3-5") of hay wrapped in clear plastic with a hole in the center.

Soybean Exhibit Options: choose one or more of the following

• An age-appropriate poster or display board on the subject.
• 5 soybean plants, including roots without soil, wrapped in cellophane.
• 1 potted soybean plant.
• 1 peck of soybeans harvested in the previous year. Soybeans should be displayed in a basket, glass jar, or similar container.

Tobacco Exhibit Options: choose one or more of the following

• An age-appropriate poster or display board on the subject.
• 1 potted tobacco plant.
• 8 stripped and dried tobacco leaves, harvested the previous year, in a bundle

Wheat Exhibit Options: choose one or more of the following

• An age-appropriate poster or display board on the subject.
• 1 peck of harvested wheat displayed in a basket, glass jar, or similar container.
• 1 peck of wheat heads displayed in a basket, glass jar, or similar container.

Project Title: Cupcake Decorating
Description:
The cupcake decorating project allows youth to utilize their artistic ability and expression as they learn decorating techniques and skills. Anyone wanting to learn baking skills should refer to the 4-H foods project.

State Fair Entries:
County only project. No state fair entry.

Exhibit Guidelines:
• Cupcakes exhibited must meet the specific level requirements (no more, no less) or they will be scored down.
• All cupcakes must be a standard size 2 ½"-3" Styrofoam Dummy Cupcake. Miniature or larger cupcakes will be disqualified.
• All cupcakes do not need to be decorated identically.
• Each may be their own design as long as they meet the specific requirements.
• Entries should be made using 100% edible decorations. Icing or fondant must be used in your project.
• Items that are edible must be attached naturally.
• Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable.
• If using premade decorations (flowers, letters, etc.) please use as accent to design only, not as majority of decoration.
• Entries with plastic figurines and other non-edible items for decorations will be disqualified.
• Special backdrops, pictures, etc. are not allowed

Exhibit Class Guidelines:
Level 1 (Grades 3-5 Suggested)
Display four (4) (no more, no less) individually decorated cupcakes. Cupcakes must be displayed in a single layer, on a solid display board, covered, no larger than 12" X 16". Each cupcake must be in a paper or foil liner jacket. Each cupcake must be frosted using frosting or fondant. One (1) to four (4) different edible decorative item(s) may be used. Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable.
Level 2 (Grades 6-8 Suggested)
Display six (6) to twelve (12) (no more, no less) decorated cupcakes. Any number of edible decorative items may be used per cupcake. Cupcakes must be decorated using a THEME of your choice. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Each cupcake must be frosted using frosting or fondant. Accessories such as candies, licorice, gumdrops, sprinkles, etc. are acceptable. Cupcakes must be displayed in a single layer, on a solid display board, covered, no larger than 24"X 24". Cupcakes must be in a paper or foil liner jacket.

Level 3 (Grades 9-12 Suggested)
Display twelve (12) or more cupcakes, decorated in a theme. Any number of edible decorative items may be used per cupcake. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. Each cupcake must be frosted using frosting or fondant. The top as well as the sides may be decorated, but not required. Paper or foil liner jackets are not required, but may be used. The project requires a display board, covered; however, props may be used to display cupcakes (ex. cupcake tree), as long as the props fit onto the display board. Props will NOT be part of judging. Your cupcake display area must not exceed a 32" X 32" display.

Project Title: Farm Toy Scene
Description:
Allows youth to learn life skills and grow in project knowledge while expressing creativity when designing replicas.

State Fair Entries:
County only project. No state fair entry, however, may be considered as a state fair Construction and Architectural Replica project.

Exhibit Guidelines:
Farm scenes can be constructed from any materials. The product should be constructed to scale as much as possible. Exhibits should be no larger than 36" x 36". Consider adding a clear cover to protect the exhibit while being displayed to the public.
Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:
Beginner (grades 3-5 suggested)
Create and exhibit one age/grade appropriate artistic scene or replica.

Intermediate (grades 6-8 suggested)
Create and exhibit one age/grade appropriate artistic scene or replica.

Advanced (grades 9-12 suggested)
Create and exhibit one age/grade appropriate artistic scene or replica.

FairEntry:
Exhibits should be entered in FairEntry as "Static Projects-County Only-Farm Toy Scene"

Project Title: Gift Wrapping

Description:
The Gift Wrapping project allows members to express their creativity and unique approach to the art of gift wrapping.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Guidelines:
• Packages are not to exceed 24 inches in any direction.
• Exhibits using purchased bows will not be accepted. Bows must be self-made.
• Be creative – materials other than wrapping paper may be used.
• Attach a *Washington Co. Gift Wrapping Information Card* to project.

Exhibit Class Guidelines:
Beginner (grades 3-5)
Create and exhibit one age/grade appropriate Gift Wrapping project.

Intermediate (grades 6-8)
Create and exhibit one age/grade appropriate Gift Wrapping project.

Advanced (grades 9-12)
Create and exhibit one age/grade appropriate Gift Wrapping project.

Gift Wrapping Information Card

Washington CO. 4-H

_____

4-H Member Name

_____   _____

Level   Grade

Gift Occasion:

Intended Recipient:

Project Title: Junior Leaders
Description:
The Junior Leader Organization in Washington County is a club that develops skills in the areas of civic engagement, leadership, entrepreneurship and more through a variety of hands-on experiences throughout the year. It is open to all 4-H members in grades 7-12. The club meets monthly, year-round. Besides monthly meetings, youth participate in fundraising projects (Cheese Balls, etc.), service-learning projects, and also work at the fair. Members that complete the required number of elements (via a point system) are eligible for the Junior Leader Achievement Trip.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Guidelines:
Participants must participate in at least ONE cheese ball session and turn in one of the following projects prior to the Completion Trip.

Project Examples:
1. Write a news release or social media post that can be used to encourage others to join Junior Leaders next year. (Must be at least one paragraph. Use of TikTok is prohibited.)
2. Write about your favorite Junior Leader experience. (Must be more than one paragraph.)
3. Collect pictures from the current year's activities and make a scrapbook.
4. Make a video about Junior Leaders.
5. Develop a flyer, poster, or display board that can be used to encourage new members to join Junior Leaders.
6. Other (With Extension Educator's Approval)

Achievement Trip:
Points are earned throughout the year for meeting attendance, community service projects, and fundraising activities (cheese balls). Points are earned from October-June. Junior Leaders earning the required points are eligible to participate in the Achievement Trip. Completed Junior Leader projects must be submitted for display at the fair.

Project Title: Microwave Cooking

Description:
This project teaches nutrition education and basic cooking skills using a microwave.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Guidelines:
1. Preparing products for display:
• 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 and cover with wax paper, plastic wrap, or foil before putting the cake on it.
• Product with a sticky bottom, such as fruit crisps or pies, may be left in the container in which they were microwaved. Containers must be labeled so they can be returned after judging.
• All canned products must be exhibited with the ring on the jar top to protect the seal.

2. A recipe card is required and available from Extension office.

3. All food exhibits must be made from scratch.
For Food Competitions: Filling, frosting, glazing, pie filling, and meringue, (whether uncooked or cooked) are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream as the nature of these products increases the moisture content and water activity of the food. Foods with a higher moisture content and water activity can be ideal growing conditions for food borne pathogens, even if the ingredient is part of a batter and baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted. Eggs/egg whites that have been cooked to 160_oF (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_oF).

Exhibit Class Guidelines:
Level A (grades 3-4)
Grade 3: Microwave snack mix displayed in a package.
Grade 4: Six squares or bars of microwave fudge.

Level B (grades 5-6)
Grade 5: Six bars of microwave cookies or brownies.
Grade 6: One microwave upside down cake.

Level C (grades 7-9)
Grade 7: One microwave fruit crisp.
Grade 8: One microwave coffee cake.
Grade 9: One package of a microwave candy product.

Level D (grades 10-12)
Grade 10: One microwave double layer or bundt cake.
Grade 11: One microwave fruit and/or nut pie.
Grade 12: A jar of microwave jam or jelly. Label the jar with the product name, quantity, and date made.

4-H Microwave
Recipe Card

Name: _____

Project Level _____A ___B___C___D

Name of Recipe:_____ **Recipe Source:**_____

Date Product was Made_____

Prep Time: _____ minutes

Cook Time: _____ minutes

Recipe Yield: _____ Serving size: _____

This should include all of the ingredients and their measurements, as well as the full instructions of how to make the dish. Directions should include detailed preparation method: mix, bake, preserve, and safe storage instructions.

Ingredients and Amount:

List any ingredients that could potentially cause an allergic reaction:

Directions: Prep, mix, bake or preserve, and safe storage. Number, in order, steps to prepare.

Use backside if additional space is needed.

Project Title: Recycling
Description:
The Recycling project involves learning what you can do in your home and community to reduce,
reuse, recycle, and recover materials we use in our everyday lives.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Guidelines:
Projects should be based on one of the following guidelines:
• The material is reshaped from one form to another.
• The material is reprocessed from one form to another.
• The material is redesigned into a different type of product
.
Projects are judged based on originality, creativity, and the exhibitor's use of discarded, recyclable materials. 4-H members should take note that new items purchased specifically for this exhibit defeat the purpose of the goal of recycling. Exhibits should not be larger than a table or floor display unless prior arrangements are made with the Extension Office. A *Washington Co. Recycling Project Card* must be attached to the project.

Examples of possible exhibit items are: clothing, furniture, mechanical parts, bottles, greeting cards, ornaments, etc. Creativity in utilizing items is unlimited.

Exhibit Class Guidelines:
Level 1 (grades 3-5), Level 2 (grades 6-8), and *Level 3 (grades 9-12)*

Exhibit Options for All Levels:
• Exhibit an item made from recyclables. Attach a *Washington Co. Recycling Project Card* with before photo to the item.
• Exhibit a poster or display board on a recycling topic.

Recycling Information Card

_____   _____   _____
4-H Member Name   **Level**   **Grade**

Item original intended purpose:

Item new purpose:

(Attach before photo to back.)

Project Title: Sports

Description:
The Sports project allows 4-H members to explore and learn about different aspects of sports and share their knowledge with others.

State Fair Entries:
County only project. No State Fair entries.

Exhibit Class Guidelines:
Level 1 (grades 3-5)
4-H members should select a sport they are involved in or would like to learn more about. Exhibit a poster or display board about one of the topics listed below and how it relates to the selected sport.

Topics
may not be repeated from year to year unless a different sport is selected.
• 4-H Member's Favorite Player
• Preparation/Warm-up
• Sportsmanship
• Value of Exercise
• Safety
• 4-H Member's Participation

Level 2 (grades 6-8)
4-H members should select a sport they are involved in or would like to learn more about. Exhibit a
poster or display board about one of the topics listed below and how it relates to the selected sport.

Topics
may not be repeated from year to year unless a different sport is selected.
• 4-H Member's Favorite Team
• Rules
• Equipment Used and Its Care
• Special Skills
• History of the Sport
• Techniques

Level 3 (grades 9-12)
4-H members should select a sport they are involved in or would like to learn more about. Exhibit a poster or display board about one of the topics listed below and how it relates to the selected sport.

Topics may not be repeated from year to year unless a different sport is selected.
• Teaching Others
• Officiating
• Mental Toughness
• Sports Careers
• Time Management
• Scoring Systems
• Conditioning/Nutrition
• Goal-Setting