

# 2023 Elkhart County 4-H Handbook



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12/2022

## 4-H Award Ribbons

### State Fair (Purple)

This is the best overall exhibit in a division, section, or category and has been selected for exhibit at the Indiana State Fair.



### Group B (Red)

Second place group. Project work is good but does not meet requirements in some way and/or is missing an important element.



### Champion (Purple)

This is the best overall exhibit in a division, section, or category where a State Fair entry does not exist, and it is awarded when merited. Example: A champion ribbon is awarded to Microwave Cooking because it is a county project and not available on the state level.



### Group C (White)

Third place group. Does not meet requirements and is missing two or more important elements.



### Reserve Champion (Lavender)

This is the second best overall exhibit in a division, section, or category and is awarded when merited.



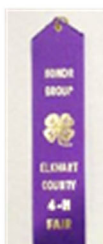
### Participation (Green)

Given to a late entry project that arrives after judging is finished. All projects are to be checked in at the designated times.



### Honor Group (Purple)

This ribbon is given to first place group recipients that have done an out-standing job. State Fair winners and Champions are selected from this group.



### Mini 4-H (Blue)

Given to Mini 4-H youth in grades K – 2 that complete a project.



### Group A (Blue)

First place group. Meets all requirements, and project work is very good.



### Special Activity (Yellow)

Given for special activities participated in during the year, such as Performing Arts.



While at the time of publication we have tried to include everything that we can for the 2022-2023 4-H program year please know that information can be updated and changed as needed. The most current handbook will be published on the Purdue Extension Elkhart County website. Communication will also go out to those members when information is updated that it may have an impact.

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## **What is 4-H?**

In 4-H, we believe in the power of young people. We see that every child has valuable strengths and real influence to improve the world around us. 4-H empowers young people with the skills to lead for a lifetime. It's a research-based experience that includes a mentor, a hands-on project, and a meaningful leadership opportunity.

4-H programs are grounded in the belief that kids learn best by doing. Kids and teens complete hands-on projects in areas like science, health, agriculture and civic engagement, in a positive environment where they receive guidance from adult mentors and are encouraged to take on proactive leadership roles. Kids can concentrate on one focus area or they can try a variety of programs throughout their 4-H experience.

Regardless of the project area, all 4-H programs include mentoring and career readiness as core elements.

Through life-changing 4-H programs, nearly six million kids and teens have taken on critical societal issues, such as addressing community health inequities, engaging in civil discourse and advocating for equity and inclusion for all. For more than 100 years, 4-H has welcomed young people of all beliefs and backgrounds, giving kids a voice to express who they are and how they make their lives and communities better.

## **Indiana 4-H Mission & Vision:**

**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 mission strives to be the premier, community-based program empowering young people to reach their full potential.

## **Motto:**

"To make the best better."

## **Emblem:**

The 4-H emblem is the four-leaf clover with the letter "H" on each leaf. The H's stand for head, heart, hands, and health. The 4-H emblem is legally protected and must be used correctly.

## **4-H Pledge:**

I pledge,

My **head** to clearer thinking.

My **heart** to greater loyalty.

My **hands** to larger service, and

My **health** to better living.

For my club, my community,

my country, and my world.

# 4-H Parent - Mentor Guide

## 4-H Parent – Mentor Guide:

**Purpose:** Provide support to your child in 4-H.

### **Responsibilities:**

- Help your child enroll in the 4-H club and meet the 4-H requirements.
- Help your child select one or more suitable 4-H projects to complete. (Mini 4-H'ers may only take one project.)
- Make sure your child attends the 4-H club meetings.
- Provide or arrange for transportation.
- Help your child to complete any 4-H responsibilities for which he/she has volunteered or been selected.
- Help with at least one 4-H club activity during the 4-H year.
- *Volunteer, don't wait to be asked.*
- Support your child's 4-H project work.
- Make sure your child attends any project workshops.
- Help your child gather any materials needed.
- Help your child complete one or more articles for exhibit and exhibit them at the County 4-H Fair.
- Help your child complete, and turn in on time, 4-H project records.

### **Assistance Available:**

1. 4-H Club Organizational Leader
2. 4-H Project Leader
3. Experienced 4-H Parents
4. 4-H Project Manuals
5. Purdue Cooperative Extension Office – Elkhart County: 574-533-0554

### **Time Commitment:**

One 4-H year includes about 1 - 2 hours per month for club meetings and whatever time you choose each week for 4-H project work. You will have a better experience if you put more time into your project.

### **Benefits:**

Help your child learn and grow, share experiences with your child, improve relationships with your child, contribute to youth in your community, and develop a sense of accomplishment.

### **Qualifications:**

- Interest in child's activities.
- Commitment of time and energy to 4-H members.
- Ability to assist but still allow the member to do his/her own work.

### **Awards & Trips:**

County awards are given to 4-H members at the fair. Award applications are available to leaders in the spring for nominations. Achievement Trip applications are due in the fall for awards to eligible youth. Youth who are eligible for consideration are notified to apply. Applications are scored with a point system.

Some 4-H members are eligible to apply for trips. Most of the trips take place between June and July. Announcements for the trip and award applications are in the Friday 4-H Nugget as they are available. Eligibility information is included in the Trip and Award Application. Most trips are partially subsidized by 4-H Club Corporation. Submit applications on time for consideration.

## Who's Who in 4-H

**4-H Member:** Any youth currently in grade 3 through grade 12 who pays the State Program Fee, has signed consent forms, completes the enrollment process, and meets the club requirements.

**Mini 4-H:** A 4-H program for youth currently in kindergarten, 1<sup>st</sup>, and 2<sup>nd</sup> grades. Mini 4-H members are invited to participate in special events planned just for them. Youth are invited to complete and exhibit one project at the fair.

**4-H Leader:** All 4-H volunteers go through a stringent screening process which includes a background check before working with 4-H members. There are a number of adult volunteers who are responsible for the organizational aspects of the club, as well as special help with particular projects or activities of your club. The leader acts as a liaison between the Extension Office and the 4-H member.

**4-H Project Leader:** Responsible for a particular project at the club level and conducts educational activities associated with that project. Ensures that members are progressing with their projects during the year and advises the Club Leader regarding members' progress.

**4-H Expansion & Review Committee:** A special committee formed to expand the opportunities to all youth and volunteers in the 4-H program. The committee focuses on ways to attract more youth to the 4-H program. At least one third of the committee should be youth and the committee should be representative of the county population.

**Junior Leader:** 4-H member who is in grade 7 through 12. The Junior Leader club year runs from September through August. The group has monthly meetings, performs community service projects, and sponsors various events.

**4-H Corporation:** This is the short name for the Elkhart County 4-H Club Corporation, Inc. 4-H Corporation plans and implements a 4-H Youth Development Program consistent with the mission of Purdue Extension. Members are elected by the 4-H Leaders to a three-year term. The Junior Leaders also appoint two voting members to this board.

**4-H Extension Educator:** Purdue Extension professionals who help to carry out the 4-H program and serve as a source of research-based information.

**4-H Fair Board:** The 4-H Fair Board is a separate organization from 4-H, however they are a vital partner concerning the best interests of 4-H youth. Many 4-H clubs and organizations have directors on the fair board. The fair board makes decisions related to the annual 4-H Fair and use of the fairgrounds.

**Purdue University:** Purdue is a land grant college that has the responsibility for taking education to the people of the state. The 4-H program is part of that directive in the Youth Development & Agricultural Education Department.

**State 4-H Office:** The State 4-H Program Leader has responsibility for the 4-H program at the state level. The state staff assures that federal guidelines are met and that the program is administered in the best interests of youth. The 4-H Program Leader is based at Purdue University, Department of Youth Development and Agricultural Education. State Specialists have the responsibility for the 4-H program on a statewide basis.

## 4-H General Rules and Policies

### **The Indiana 4-H Program Philosophy and Expectations:**

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

This document includes certain standards and guidelines to assure that 4-H is a positive youth development program. County 4-H policy is guided by the county 4-H policy-making or governing board (i.e., 4-H corporation) as provided by the County Extension

Board. Legal authority for the 4-H program rests with the Director of the Cooperative Extension Service at Purdue University. No county 4-H policy may conflict with state 4-H policy or with federal guidelines and requirements.

Deadlines for county and state participation should be carefully constructed so as to encourage rather than discourage participation. Such deadlines should be well published. Members not complying with established and published dates and deadlines for exhibition may be denied the opportunity to exhibit.

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

Per state and federal guidelines, volunteers and Extension Educators may not require youth to attend 4-H club meetings in order to complete 4-H or exhibit their work.

### **4-H Club Membership:**

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

#### **Exceptions:**

- (1) Youth who enroll in grade three and are advanced academically (thus graduating early) may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.
- (2) Those youth who are academically advanced and "skip" 3rd grade, may begin the program as a 4th grader and may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.
- (3) Those youth who enroll in grade three and are retained a grade in school may continue to progress through the 4-H Program by adding subsequent years of participation, but MAY NOT exceed 10 years of participation. For example, if a member is retained one year in school (public, private, or home), their final year of 4-H membership would conclude the summer following their junior year of high school.
- (4) Those youth who entered the program in 3rd grade and for one reason or another leave formal education prior to the completion of 12th grade may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years.

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

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

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

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

### **In Elkhart County there are three kinds of 4-H clubs:**

**General Clubs:** These clubs focus on a variety of subject areas and meet across the county in various locations such as schools, community centers, libraries, and other locations. Project work is not completed at these meetings, but leaders may pick up and distribute manuals to youth so projects can be completed at home. The leader may serve as a resource for information on specific projects, or club members may call the Extension Office with questions as they are working on projects at home. Youth select their projects when they enroll so leaders may order project manuals.

**Subject-Specific Clubs:** These clubs are dedicated to a specific subject area, and assistance will be given during club meetings in the completion of the project.

**Spark Clubs:** A short-term club focused around a specific subject area.

### **Elkhart County 4-H Enrollment Policy:**

There is a \$15 annual, non-refundable, program fee for any youth in grades 3-12. This fee is assessed at the time of registering your 4-H Online Enrollment Form or Paper Enrollment Form and can be paid by credit or debit card online, or by cash, check or money order in the Extension Office. No credit or debit card payments can be accepted in the Extension Office. The fee assessment is per youth, not per club. The program fee will be assessed for up to three children in one family, for a maximum of \$45 per family, per year. Youth in grades K-2 joining Mini 4-H are exempt from paying the program fee. All program fees will be used by Purdue University to enhance the Indiana 4-H program.

Youth in grades 3-12 are required to complete the Elkhart County 4-H Online or Paper Enrollment Form on an annual basis. Their 4-H Online Enrollment Form must be completed (including a consent form signed by the 4-H member and their parents/guardians) and their \$15 Program fee submitted to be considered fully enrolled.

Youth in grades K-2 are required to complete the Elkhart County Mini 4-H Online or Paper Enrollment Form on an annual basis. Their Mini 4-H Online Enrollment Form must be completed (including a consent form signed by the 4-H member and their parents/guardians) and submitted to the Extension Office to be considered fully enrolled.

Enrollment forms and payments must be submitted to the Elkhart County Extension Office, electronically or physically by the 4-H member, parent or leader in order to be considered valid.

### **Residence:**

Indiana youth typically enroll in 4-H in the county or state in which they reside. However, individuals living in one county **may** join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single calendar year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment.

In the event that a project is not offered in the county of primary 4-H enrollment, a 4-H member may enroll in that specific project in a different county. Approval of this special exception rests with the county 4-H Extension Educator. Participation in 4-H related activities and events (i.e., judging/Fashion Revue/Performing Arts) must be in the county of primary 4-H enrollment.

The above policy is not intended to provide an escape mechanism for troubled 4-H members and families who are unwilling to follow the terms and/or conditions in their current county of 4-H membership. Decisions regarding 4-H membership in a non-resident county (a county you do not live in) rest with the 4-H Extension Educator in the receiving county.

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

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

### **Deadlines:**

The proper compliance with established, stated and published final dates and deadlines is considered an appropriate expectation of 4-H membership. Submitting things on time and following the rules is part of the 4-H learning experience. Individuals not complying with these expectations may lose awards and privileges. This is especially true in animal projects where animal ownership, raising and identification have a specific time period as part of the project requirements. Members not complying with established and published dates and deadlines for exhibition may be denied exhibition privileges as well as premiums or awards for that project.



## Participation:

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

## Exhibition:

Exhibition of 4-H projects in local, county or state exhibits/fairs, in person or virtually, is voluntary on the part of the exhibitor. Exhibition of the project is not a requirement of completion of the project. The exhibition of 4-H projects provides 4-H members an opportunity to display their 4-H projects, enter into competition and participate in an educational/social environment with peers. With exhibition also comes the responsibility for abiding by all of the terms and conditions pertaining to the respective 4-H project. Not following the established terms and conditions of the projects will be grounds for exclusion from the competition/exhibition.

- An exhibit may not be entered in more than one county fair or State Fair 4-H class except in some animal classes where designated. In a State Fair class requiring more than one item, all items must be exhibited by the same 4-H member. All parts of an exhibit made in one class must belong to one 4-H member.
- All 4-H exhibits at the county fair or State Fair must be prepared during the current 4-H year. Eligibility rests solely with the State 4-H Youth Program Leader on entries in all 4-H classes.
- **Any 4-H exhibit removed from display prior to the official release will be disqualified. Any 4-H placing's/prizes (including ribbons, money, medals, trophies, etc.) awarded to that exhibit will be forfeited.**
- 4-H exhibitors having an entry in animal classes at State Fair are expected to show their own animals. In cases where this cannot be done, the owner may request a substitute showman. Substitute showmen must be approved in writing by the 4-H show manager 24 hours prior to the showing of the animal(s) needing a substitute showman. Requests will only be granted for medical emergencies, conflicts with showing other animals, or desperate circumstances deemed unavoidable by the 4-H show manager. **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.**
- Any usage of the United States Flag in a 4-H project must comply with federal, state, and local laws.
- Any item entered for judging, may or may not be displayed based upon recommendation from the Building Superintendents and 4-H Educators.

## Completion:

The completion of a 4-H experience may include a variety of options and must not be misinterpreted solely as exhibition of a project at a local, county, or state fair. There are a number of ways that a young person may participate in the 4-H Youth Development Program in addition to the club-based option. Participating in these 4-H opportunities enable the youth to build skills that will serve them well throughout their adult lives.

Some of these participation options do not include the preparation of a specific exhibit by an individual that would be on display at a fair or similar event. In some cases, the youths' actual participation may be the final product that results in their completion of a year of 4-H. Some examples of this participation include working as a team to develop a robot for a workshop or challenge; completing a Spark Club experience; participating in State 4-H Band or Chorus; taking part in a science training or experiment; participating in an after school 4-H experience; etc.

4-H members are considered complete in their 4-H educational experience for the year when they have (1) completed the 4-H member enrollment process prior to the established and published date for enrolling; and (2) had an officially recognized 4-H volunteer/Extension Educator verify the existence of the completed project/subject or the member's participation in a 4-H educational experience. Additionally, 4-H members who participate in a club- or fair-based 4-H project/subject will submit a completed 4-H record sheet based on printed or web-based educational materials (used by Indiana 4-H Youth Development) prior to the established and published date.

Though exhibiting in local, county, and state exhibits/fairs is not required for project completion, as it does not necessarily relate directly to content and skills learned in the development of the 4-H project, project exhibition is encouraged as a continuation of the educational experience. **A 4-H member who completes a project but chooses not to exhibit at the Elkhart County 4-H Fair will not be issued passes to the Fair.**

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

### **Behavioral Criteria for 4-H Events and Activities:**

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

When attending, participating or acting on behalf of the 4-H programs, 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 consequences 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, aiding, or encouraging other persons not to comply with specific terms and conditions of a given project, contest or activity.
- Failure to comply with directions of 4-H officials acting in the proper performance of their duties.
- Inhumane treatment of 4-H animal projects.
- Behavior that is unbecoming and/or socially unacceptable.

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 4-H Extension Educator may be notified.

### **Consequences:**

If, in the opinion of the State 4-H Youth Department head or their designee, evidence of alteration and/or excessive outside help, unethical preparation or misconduct is noted, the exhibit and/or 4-Her may be disqualified, all premiums and awards forfeited, or the 4-Her may be subject to up to a three-year disbarment from participation in that project or other related 4-H projects, events, or activities. This person may also be subject to removal from the fairgrounds.

Further, enforcement may be selective which does not waive the State 4-H Youth Program Leader's right to enforce collectively at a future date and appropriate circumstance.

**Special Note:** When infractions in regulations and/or policies take place in animal projects, special penalties will be enacted. In addition to above stated penalties, animals unethically fitted or altered for show and sold at 4-H auctions will have all premiums associated as a 4-H reward removed from the sale price of the animal. The animal sale price provided to the 4-H'er will be that of the going market value that day, with anything above said market value retained by the 4-H organization as a penalty for the action.

- Any 4-H situation not covered by these policies shall be handled by the State 4-H Youth Program Leader or their designee as appropriate.

### **Adult Behavioral Expectations:**

All faculty, educators, staff, and volunteers who work with 4-H Youth Development Programs will annually sign a statement agreeing to comply with the Adult Behavioral Expectations (4-H 785).

These Adult Behavioral Expectations give faculty, Educators, staff, and volunteers the opportunity to reaffirm their commitment and dedication to the well-being of young people. When all faculty, educators, staff, and volunteers sign a copy of document 4-H 785, individuals are making a collective statement that youth in the 4-H Youth Development program are being treated with respect, dignity, and attention to individual needs. The faculty, educators, staff, and volunteers who work with the 4-H Youth Development Program in Indiana are proud of the quality educational programs provided to youth of this state and to their personal commitment to nurture the positive growth and development of youth.

The 4-H 785 form states:

In my role as a 4-H Youth Development Program faculty, educator, staff, or volunteer, I will:

- Respect, adhere to, and enforce the rules, policies, and guidelines established by the Purdue University Cooperative Extension Service including all laws related to child abuse and substance abuse.
- Accept supervision and support from salaried Extension staff or designated management volunteers.
- Be mindful and follow Purdue, Centers for Disease Control and Prevention (CDC), and other state and local health guidelines and recommendations related to any epidemic or pandemic illness.
- Participate in orientation and training, which includes youth protection standards, sponsored by the Purdue Cooperative Extension Service.
- Accept my responsibility to represent 4-H Youth Development Programs with dignity and pride by being a positive role model for youth.
- Conduct myself in a courteous, respectful manner, exhibit good sportsmanship, and demonstrate reasonable conflict management skills.
- Be truthful and forthright when representing the 4-H Youth Development Program.
- Recognize that verbal or physical abuse, failure to comply with equal opportunity and antidiscrimination laws, or committing criminal acts are not acceptable practices in 4-H Youth Development Programs.
- Embrace diversity among all youth and adult participants, helping each person to feel welcome and included in the 4-H Youth Development Program.
- Under no circumstances allow, consume, or be under the influence of alcohol or illegal drugs at 4-H Youth Development Program events or activities.
- Operate machinery, vehicles, and other equipment in a safe and responsible manner when working with youth participating in 4-H Youth Development Programs.
- Treat animals in a humane manner and teach program participants appropriate animal care and management.
- Use technology and social media in an appropriate manner that reflects the best practices in youth development. During virtual 4-H activities, I will follow acceptable University practices being mindful of the virtual learning environment.
- Accept my responsibility to promote and support the 4-H Youth Development Program in order to develop an effective county, state, and national program.
- Report any suspected instances of child abuse and/or neglect to local authorities that I may observe during my role as a 4-H Youth Development Program faculty, educator, staff, or volunteer.

The 4-H 785 form also states that the 4-H volunteer complies with the Purdue University "Use of Vehicles for University Business" policy and authorizes the Purdue University Cooperative Extension Service to conduct an annual search of the national and state sex and violent offender registries. The 4-H volunteer also agrees to show a copy of a government issued photo ID to their local Extension Office staff. By signing a 4-H 785 form in the county Extension Office or the State 4-H Office, an individual

acknowledges that they have read and agrees to abide by the behavioral expectations. The individual is to understand that their failure to comply with these expectations may result in termination as a faculty member, educator, staff, or volunteer. Contact a Purdue University Cooperative Extension Service 4-H Youth Development Educator to find out more information on Adult Behavioral Expectations.

### **Animal ID Requirements:**

All animals must be identified and entered in the online system. All lease forms must be turned into the Purdue Extension Elkhart County office by May 15 and will not be uploaded online. All DNA must be turned in by the above deadlines as well.

\*Elkhart County follows the Indiana State Fair ID requirements, but this doesn't guarantee that animals can be exhibited at the State Fair. It is the 4-H member's responsibility to check the State Fair guidelines for any additional requirements.

### **Beef/Dairy Feeder ID Requirements:**

- Market Steers (beef and dairy beef), commercial heifers and dairy feeder steers: 5-digit county tag and 840 RFID tag.
- Registered Heifers: Tattoo and 840 RFID tag.
- DNA hair samples are needed for all cattle to participate in the Indiana State Fair.

### **Sheep ID Requirements:**

- Market Lambs: 5-digit county tag. Additional for state fair: 840 RFID tag and DNA Sample
- Commercial Ewes: 5-digit county tag OR official Scrapie tag. Additional for state fair: 840 RFID tag and DNA Sample
- Registered Ewes: Tag with matching registration paper. Additional for state fair: 840 RFID tag and DNA Sample.

### **Swine ID Requirements:**

- Barrows and Gilts: 840 RFID tag, ear notch. Additional for state fair: DNA Sample

### **Dairy ID Requirements:**

- Dairy Cows and Heifers: Registration Number, 840 RFID tag. Registration Name.
- DNA hair samples are needed for all cattle to participate at the Indiana State Fair.

### **Goat ID Requirements:**

- Meat Goat Wethers: 5-digit county tag. Additional for state fair: 840 RFID tag and DNA Sample
- Boer Goat Doe: Tattoo information and Registration paper (if registered). Additional state fair: DNA Sample
- Market Wether Dam: County tag. Additional for state fair: 840 RFID tag and DNA Sample
- Dairy Goat Wethers: 5-digit county tag.
- Dairy Goat Females: Tattoo if registered must have registration paper
- Pygmy Goats: County tag, tattoo or microchip (if you are using a microchip, you must also provide the reader).

### **Horse ID Requirements:**

- Horses and Ponies: Color photo (must show all four feet and face).

### **Vaccination requirements for all 4-H Horse and Ponies:**

- Eastern and Western Equine Encephalomyelitis
- Rhinopneumonitis / EHV type 1 and 4
- Equine Influenza
- Tetanus
- West Nile Virus
- Rabies

### **Llama ID Requirements:**

- Llamas and Alpacas: Color photo (must show all four feet and face).

### **Rabbit ID Requirements:**

- All rabbits must have their tattoo, birthdate, breed and variety entered into 4-H Online

### **Animal Ownership:**

Each 4-H member shall own their own 4-H exhibit. Ownership must be in effect on or before the county and state enrollment deadlines and continuously until after the 4-H show date at the county and/or State Fair.

- For 4-H breeding animals, family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or a legal guardian are acceptable.
- For 4-H dairy cattle, family corporations and/or partnerships of the 4-H member with unrelated persons or dairy operations are also acceptable.
- Dairy, heifers, horses, ponies and llamas may be leased, subject to approval of the county 4-H dairy, horse and pony, or llama committee and the respective County Extension Educator. 4-H animals are only eligible to be leased by a single 4-H

member in a 4-H program year.

- 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.
- 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<sup>th</sup>. 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 market wether dams.
- 4-H animals purchased, sold or offered for sale after the animal enrollment deadline, May 15, and prior to the County 4-H Fair or Indiana State Fair, shall not be eligible to be shown in the 4-H shows. This included animals that have gone through a "Premium, Only Auction" Sale of products of animals (milk, cheese, wool, etc.) in lieu of the animal, are considered equivalent to a "Premium Only Auction"
- 4-H animals exhibited after the May 15<sup>th</sup> 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 County 4-H Fair and the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing State Fair eligibility. 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.
- 4-H Exhibitors may receive clipping and grooming assistance from members of their immediate family (father, mother, and siblings), from a current Indiana 4-H member, and from individuals in the Approved Animal Grooming Assistance Program.
- Temporary guardianships established for the intent of animal exhibition or grooming purposes are not permitted and shall result in immediate disqualification.
- 4-H members showing registered beef, Boer goats, dairy, dairy goats, sheep and swine must present a registration certificate (no photocopies, carbons or fax copies, except a fax directly from the national breed association to the Indiana State Fair) to the 4-H show manager before the specified time for each specie, showing that the exhibitor owns the animal being exhibited, as per ownership terms, on or before the May 15<sup>th</sup> enrollment deadline and continuously until 4-H show day at the Indiana State Fair.
- 4-H breeding beef, Boer goats, dairy goats, sheep and swine must be registered in one of the following ownership methods: (1) in the 4-H member's name, (2) John Smith & Sons, (3) John Smith, Sons & Daughters, (4) John Smith & Family (family includes sons, daughters, and legal guardian youth only), (5) Mark Smith (brother) & Mary Smith (sister), (6) Family Corporations, where the 4-H member's name appears as a holder of stock in the corporation, and proof of same must be supplied on or before the enrollment date, (7) 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 attached to the enrollment form before the enrollment deadline.
- 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 parent's name only, farm name only, or partnerships with unrelated persons [such as "Smith View", "Smith Oak", "John Doe & William Smith (4-H member)", "Long Oak & William Smith (4-H member)", etc.].
- For 4-H dairy cattle, partnership of the 4-H member with unrelated persons or dairy operations is acceptable [i.e., John Doe and William Smith (4-H member) or Long Oak and William Smith]. Dairy cows and heifers, owned in a partnership, may not be exhibited by more than one person from May 15<sup>th</sup> until the conclusion of the State Fair 4-H Dairy Show. This person must be the exhibitor of the animal in the current State Fair 4-H Dairy Show or the animal will be ineligible for this show. 4-H dairy cattle will not be accepted in 4-H classes at the State Fair if they are registered in the parent's name only or in a farm name, such as "Smith View", "Smith Oak", etc., unless the 4-H member has a lease agreement for this animal.
- The dairy lease program is only for 4-H members who do not own their own dairy cows and/or heifers. Only dairy heifers that will be less than two years of age at the time of the Indiana State Fair 4-H Dairy Show may be leased. Leasing a dairy heifer will be considered the equivalent of ownership. The 4-H member should be regularly involved in the care of the heifer, regardless of where the heifer is kept, and the 4-H member should have exclusive show rights to the heifer during the 4-H lease period from May 15<sup>th</sup> until the 4-H Dairy Show at the Indiana State Fair. Leased 4-H dairy heifers must be registered (although it is not necessary to have the registration paper transferred to the 4-H member's name) by May 15<sup>th</sup> and their registration number listed on the 4-H member's dairy enrollment form.
- 4-H Dairy Show is for registered animals only (no commercial dairy cattle).
- **Read the state fair 4-H/FFA premium book for specific ownership requirements of a given project.**

## Quality Assurance for Livestock Projects formerly, (YQCA)

Each 4-H member who is participating in Beef, Dairy, Sheep, Goat, Swine, Rabbit, Poultry, Dairy Feeder projects will need to complete the new Purdue Quality Assurance program (to be named at the time of this publication) or Youth for the Quality care of Animals. Exhibitors must have a current certification in order to comply with Indiana 4-H policy. In order to exhibit/show at the Elkhart County 4-H Fair, the Purdue Quality Assurance course or, YQCA certification program needs to be completed by May 15 of the current year. There are two ways to complete this training, instructor led or via an online course. Youth for the Quality Care of Animals can only be completed online. If you chose the option of YQCA you must provide a certificate to the Purdue Extension office by May 15.

## Livestock Auction

Please be advised the starting times listed below are estimates based on previous year's participation. Buyers are encouraged to arrive at least ½ hour before those start times.

### RING 1 - East Side of SHEEP/SWINE ARENA

9:15 a.m.	RABBITS
11:15 p.m.	POULTRY
2:15 p.m.	MILK
2:30 p.m.	DAIRY FEEDER CALVES

### RING 2 - West Side of SHEEP/SWINE ARENA

9:00 a.m.	SHEEP
11:15 a.m.	GOATS
1:40 p.m.	SWINE

### RING 3 - BEEF/DAIRY ARENA

6:30 p.m.	BEEF
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Please note that there will be 2 rings running all day in the Sheep/Swine Arena. Some buyers may wish to send more than one representative to cover both sales.

### A Note to Our Buyers:

- 1) Do not send payment to the 4-H'er. Buyers will be billed one week after the fair. You will be asked to send your check to Elkhart County 4-H Auction account. The 4-H Corporation will distribute the funds to the 4-H'er as they are sent in.
- 2) 4-Hers will receive their check after the buyers have paid. Buyers are asked to send their payment soon after the bills are received.
- 3) The buyer's registration table will be in the Sheep/Swine Arena in the morning and afternoon. Near the end of the Dairy Feeder Calf and Swine sale, registration will be moved to the Beef/Dairy Arena.
- 4) Announcements will be made at the beginning of each species' sale with specific details about their sale, including support prices.

### General Rules for 4-H'ers:

- 1) Items to be sold in the auction will consist of a meat or market animal entry, or milk/milk products from dairy cow breed champions or reserve champions.
- 2) Once the animal is sold in the auction, the animal is no longer the property of the 4-Her (If a buyer chooses not to re-sell or process the animal, the animal becomes the responsibility of the buyer.)
- 3) All lots sold in the Elkhart County 4-H Livestock Auction are no longer eligible for future Indiana State Fair 4-H or Elkhart County 4-H exhibition.
- 4) 4-Hers are limited to 3 transactions during the auction. Additional rules for the auction for each livestock species may be found in each club's fair book entry.
- 5) Building Set Up and Tear Down: Initial preparation of the Sheep Swine Arena will be done by Swine and Lamb Club after the Thursday swine show. Rabbit and Poultry Clubs will set up tables and chairs after small animal round robin. Dairy, Dairy Feeders and Goats will tear down and sweep the Sheep/Swine after the auction. Dairy Feeders will clerk for the Milk Auction. Beef Club sets up and tears down the Beef Dairy Arena.

## 4-H Round Robin Showmanship Contests

### General Overview:

The Round Robin Showmanship Contest provides an opportunity for a representative of the 4-H livestock clubs to compete head-to-head for the best all-around Master Showman for Elkhart County 4-H Fair. In this contest, each showman will be given the opportunity to exhibit their knowledge by written exam and skills showing each species while being judged. Each

showman will be numerically scored and the winner will be determined by the total score. If two showmen end up in a tie, the written quiz will become the tie breaker.

### **General Eligibility:**

**Divisions:** There will be two different divisions for the Round Robin event.

**Small Animal:** Cat, Dog, Poultry and Rabbit

**Large Animal:** Dairy, Horse, Beef, Lamb, Dairy Feeder, Swine, Dairy Goat, and Meat Goat

1. Each species will have one showman, selected by the rules in their respective club.
2. In the event a 4-H'er wins the title of Round Robin representative in more than one of the species in the same division, the Round Robin representative will have to choose which species they will represent.
3. Once the 4-H'er has won a division of the 4-H Round Robin Showmanship contest, they become ineligible for future competition in that division.
4. Each Round Robin Showman takes a written multiple choice quiz the day of the contest. The quiz is made up of 2 questions per specie in their division. The test results are used as the first tie breaker.
5. ADA Statement: If you need a reasonable accommodation to participate in this program, prior to the contest, contact the Round Robin Committee or an Extension Educator.

### **Learning to Show Other Animals:**

Eligible Showmen are encouraged to work with other 4-H members from other clubs within their division to gain knowledge and showmanship skills for showing other species. If you do not know anyone, ask a club 4-H leader to introduce you to a 4-H member.

## **Elkhart County 4-H Fair Ticket Policy**

**Every Elkhart County 4-H member who completes a 4-H project and enters it for exhibition in the Elkhart County 4-H Fair will receive a season pass to the fair.** Each 4-H family with a 4-H project on display in the Elkhart County 4-H Fair will also receive 2 season passes for parents. The fair passes are issued by the Elkhart County 4-H Fair Board as a gift to 4-H members who have projects on display at the fair so that families can view their projects. If a 4-H'er does NOT have a project on display during the fair but needs to work at the various 4-H facilities they may be eligible for a 4-H Fair pass. The 4-H Leader must request a fair pass for this 4-H'er and state the purpose for which the pass is needed.

Passes are for the exclusive use of the person to whom they are issued. Passes should have the owner's name on them. This will aid in passes being returned if lost and later found. Passes that are shared with others will be confiscated by gate personnel and will not be replaced if confiscated.

The Elkhart County 4-H Club Corporation has adopted the following policy to deal with confiscated fair passes.

### **4-H Member passes that are confiscated:**

First offense: The member will lose the privilege of a pass for the remainder of the current fair and the member and their parents will receive no passes for the next year's fair.

Second offense: In addition to first offense sanctions, the 4-H'er will not receive a 5-year pass at the end of their 4-H career.

Third offense: In addition to first offense sanctions, the 4-H'er will be removed from the 4-H program for the next year and all years thereafter.

### **4-H Parent tickets that are confiscated:**

First offense: The parent will lose the privilege of passes for the remainder of the current fair and the next year's fair.

Second offense: The parent will lose the privilege of passes for the current and all future fairs.

*As always: Youth who lose their passes may purchase a replacement for \$5 in the Purdue Extension Office during regular business hours after completing the Replacement Pass request form. The form must be verified and signed by a 4-H Educator before the replacement pass will be issued. Parent passes are not replaced, and parents should plan to purchase admission tickets at the gate. Replacement passes will only be handled during normal business hours at the Extension Office.*

## Indiana 4-H Grievance Policy

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

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

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

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff, 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.)
2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.
3. The grievance process occurs in the county where the issue or concern arises and offers two opportunities for a concern to be heard and reviewed.
  - a. 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 [Grievance/Appeal Guidelines Revised 9/2022](#) 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); one youth representative; and up to three community leaders. The Purdue Extension Educator assigned to 4-H shall convene the group.
  - b. The person filing a grievance may appeal a decision of the 4-H Grievance Committee to the State 4-H Program Leader or designee. The Program Leader or designee will review the facts in evidence and render a decision. This is the second and final level in the appeal process.

\*\*The intent of a two-level process is to assure different individuals have the opportunity to hear and act on the grievance. ALL individuals involved at any level of the grievance procedure are reminded of the importance of keeping discussions regarding grievances confidential. To maintain the confidentiality of the parties involved, the grievance hearings at each level will be closed to the public. Only the individuals who have filed the grievance, the members of the grievance committee, and the Purdue Extension Educators will be present during each level of the grievance process,

\*\*\*The grievance process is internal to the Indiana 4-H Youth Development Program and meetings of the grievance committees are not subject to Indiana's Open-Door Policy.



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

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

### **Fraud and Deception:**

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

1. Tampering, altering, and/or misrepresentation relative to 4-H non-livestock projects (i.e., a 4-H non-livestock project may only be exhibited one time at the Fair).
2. Tampering, altering, and/or misrepresentation relative to but is not limited to 4-H animal's breeding, age, ownership, and/or method of preparation or completion. (For example, with animal exhibits this includes, but is not limited to coloring that alters or misrepresents breed characteristics, pumping, drenching, and filling).
3. Unethical fitting of animal exhibits is defined as the administration of any substance (to include, but not limited to, drugs covered in #4 below, blood, oils, steroids, air, chemical substances) 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 and is prohibited. Exceptions that are allowed to 2 & 3 above 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.
4. THE 4-H MARKET ANIMALS SHALL NOT CONTAIN any identifiable or unidentifiable foreign substance, including drugs, steroids, or chemicals, greater than those standards established by the United States Department of Agriculture (USDA) or Food and Drug Administration (FDA) as permissible for sale for consumption as human food both on day of show and day of shipment to market from the fair. Test samples collected from any 4-H animal exhibit shall be free of any foreign substance including any steroids, drug or chemical affecting the central nervous system (for example, stimulants, depressants or pain killers). Refusing such tests will result in disqualification and forfeiture of all awards.

### **Determination of Fraud and Deception:**

The respective 4-H advisory board and/or 4-H superintendents (in consultation with the Extension Educator) will determine if fraud and/or deception have occurred.

If any advisory board or 4-H non-livestock building superintendent determines that fraud and/or deception have occurred that board or superintendent will appoint a representative to inform the 4-H member of the immediate sanction and/or disqualification.

### **Consequences:**

Upon determination that a 4-H fair exhibit and/or 4-H judging problem requires a penalty and/or fraud and/or deception has occurred prior to, during, or after judging, any one or more of the following penalties shall be imposed.

1. The 4-H exhibit in question will be immediately disqualified.
2. The 4-H exhibit will not be allowed to be sold in the 4-H auction.
  - In the case of an exhibit already sold at the 4-H auction, the 4-H member shall be required to refund/return all sale money in excess of market value to the Elkhart County 4-H Club Corporation. At the discretion of the Elkhart County 4-H Club Corporation, the money will be returned to the buyer or otherwise donated to the Elkhart County 4-H program. (Note: Placing of other exhibits will not be adjusted as a result of the imposition of this penalty).
3. Any or all premiums, trophies, and awards connected to the 4-H exhibit in question will be withdrawn and required to be returned.
4. The 4-H members will be barred from competition at the Elkhart County 4-H Fair in the category disqualified for up to three years.

## 4-H Achievement Record

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Aerospace: Rockets

### State Fair Entries:

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

### Description:

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

### 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.

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.

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.

#### *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.

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.

*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.

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.

## Animal Education

### State Fair Entries:

- 3 Cat entries per county; one per level.
- 3 Dog entries per county; one per level.
- 3 Llama entries per county; one per level.
- 3 Poultry entries per county; one per level.
- 3 Rabbit entries per county; one per level.

### Description:

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

### 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.

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.

## Arts and Crafts

### State Fair Entries:

Elkhart County may send twelve craft entries to the State Fair. The entries will come from the following categories:

### Fine Arts (two entries per county)

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.

### Needlecraft (two entries per county)

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.

### Model Craft (two entries per county)

A small-scale replica made of injected styrene plastics. Wood, paper, clay die-cast, or snap together models are not permitted. Exhibits from building blocks (Lego) are not permitted.

### Construction and Architectural Replica (one entry per county)

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.

### Arts and Crafts, General (five entries per county)

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.

## Arts and Crafts: Candlemaking

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Ceramics Greenware and Handbuilding

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Construction and Architectural Replica

### State Fair Entries:

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

### Description:

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

### 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. This exhibit will most likely be displayed on an 8' long table top with two or three exhibits per table.

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 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.

## **Arts and Crafts: Decorated Wall Hanging**

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## **Arts and Crafts: Fabric Craft**

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## **Fine Arts**

### **State Fair Entries:**

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

### **Description:**

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

### **Exhibit Guidelines:**

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.

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.

## Arts and Crafts: Gift Wrapping

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Jewelry

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Latch Hook

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Miscellaneous Craft

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Model Craft

### State Fair Entries:

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

### Description:

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

### Exhibit Guidelines:

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.

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.

## Needlecraft

### State Fair Entries:

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

### Description:

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

### Exhibit Guidelines:

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.

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.

## Arts and Crafts: Plastic Canvas

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Recycling

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Scrapbooking

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Scrapbooking - Digital

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Arts and Crafts: Wearable Art

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## ATV Safety and Operator Skills

### State Fair Entries:

3 posters, notebooks or display boards per county.

### Description:

The ATV safety and operator skills project provides an opportunity for youth to learn safe riding habits and vehicle maintenance.

### 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.

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 age/grade appropriate poster, notebook or display about ATV safety or maintenance.

#### *Intermediate (grades 6-8 suggested)*

Create an age/grade appropriate poster, notebook or display about ATV safety or maintenance.

#### *Advanced (grades 9-12 suggested)*

Create an age/grade appropriate poster, notebook or display about ATV safety or maintenance.

#### *Riding Skills Option (grades 3-12)*

An optional group ride and riding skills obstacle course is available at the county level if supervised by a certified ATV safety adult volunteer.

## Auto Mechanics

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Beekeeping

### State Fair Entries:

1 educational exhibit per county.

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

### 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.

### 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.

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.

##### *Single Honey Product (grades 3-12)*

Exhibit one of the following:

1. Extracted honey - 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. Chunk honey (comb in jar)- 2 one-pound jars (wide-mouth glass or clear plastic).
3. Cut-comb honey - 2 one- pound boxes (These are usually 4 1/2" x 4 1/2" in size).

##### *Two Honey Products (grades 3-12)*

Exhibit two of the four kinds of honey listed below.

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

## **Bicycle**

#### **No State Fair Entries**

See Elkhart County 4-H website for Club Calendar or Contact Bicycle Club leaders for more information on monthly meeting dates.

- Bicycle Club Junior Division participants must be in grades 3-7 within the academic year
- Bicycle Club Senior Division participants must be in grades 8-12 within the academic year
- All members must complete the respective 4-H Bicycle manual and record sheet.

#### **Riding Skills Option (grades 3-12)**

Participate in the 4-H Bicycle Rodeo to be held at the Elkhart County 4-H Fairgrounds the 3rd Saturday in June. A written quiz will cover information learned from 4-H Bicycle Manual and monthly meetings.

#### **Poster Exhibit Option 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.

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 bicycle topic of choice that is age/grade appropriate.

#### ***Intermediate*** (grades 6-8 suggested)

Create an educational poster, notebook or display about a bicycle topic of choice that is age/grade appropriate.

#### ***Advanced*** (grades 9-12 suggested)

Create an educational poster, notebook or display about a bicycle topic of choice that is age/grade appropriate.

## **Blacksmithing**

### **No State Fair Entries.**

There will be a Champion and Reserve Champion for each division and an Overall Grand Champion and Reserve Grand Champion overall blacksmithing divisions.

- There will be 4 divisions for Blacksmithing: Beginning, Intermediate, Advanced, and Artistic.
- Every member must complete a division before advancing to the next division. Members may not stay in a division for more than two years.
- In addition to the division projects, each member will include a project general record sheet. The record sheet will be turned in with your completed project and contain information about the process, skills and related tools and knowledge learned to complete your project.
- All finished projects must have burrs removed from metal and a protective finish of oil, paint or hot wax to prevent rust.
- In each division there will be extra projects available if mandatory projects are completed early.

### **Exhibit Class Guidelines:**

Each division project must demonstrate listed skills.

#### ***Division I*** (Basic Skills)

Skills: Drawing out square point, twist, 90-degree bend, scroll

- Make a 12"x12" solid backed wood display board demonstrating basic skills. Cut off each piece and attach to the project board, label each piece.
- Project: Make an "S" hook 6" long with a 1-1/2-inch twist.
- Extra project: Triangle Dinner bell, Heart Hook

#### ***Division II*** (Intermediate)

Skills: Scrolling, riveting, slitting, and punching.

- Project: Coat Rack
- Using 1-1/2" x 3/16" x 20" flat stock, work both ends into the back of a coat rack. Using 4-3/4" x 5-1/2" square stock, flatten one end and work the other into a scroll. Drill four holes into the flattened hook ends and four holes into the lower edge of the backer. Rivet the four hooks into the backer. Drill two holes into the upper edge of the backer.

### ***Division III (Advanced)***

Skills: Riveting, Twisting, Tapering, Scrolling, Punching, Collaring, Mortise and Tenon

- Project: Plant Hanger/Shelf Brackets.
- Mounting back: 2' x 1/4" flat stock 1, each 5" x 4" square stock
- Extra project: additional projects can be made if the project is completed.

### ***Division IV (Artistic: Member's Choice)***

- Skills: Previous learned; must use numerous skills
- Project: Member's choice. Must have approval of leaders, must have a material list. Must present idea with drawing, an explanation of what skills will be used along with rough sketch of the finished product.

## **Cake Decorating**

### **State Fair Entries:**

3 entries per county; one per level

### **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.

### **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 tier/layer, no more than 12" tall and may be any shape. Youth may choose to decorate an inverted (upside down) character pan or create a 3-dimensional cake. It is also permissible to cut-up pieces of Styrofoam, foam, or other solid material to create a new shape, like a butterfly or castle for example. The cake board is to be no more than 24"x24".

***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 1/2" thick) and 4" larger than the base cake. For example, if the cake is 26" in diameter, then the cake board must be 30" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the advanced level may be multiple layers and/or tiered and may include multiple cakes, like a wedding cake. Youth may choose to create a character or 3-dimensional cake by cutting-up pieces of Styrofoam, foam, or other solid material to create a new shape. Dowel rods, plates, etc. should be used to support multiple layers and tiers. Fondant icing, gum, and sugar paste is permissible. Cakes may be any shape, no more than 36" tall and the cake board is to be no more than 36"x36". A minimum of five advanced level skills are to be demonstrated and the cake may include additional skills from the beginner and intermediate levels. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

## Child Development

### **State Fair Entries:**

4 entries per county; one per level

### **Description:**

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

### **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.

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.

## Collections

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Communications

### 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.

### Description:

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

### Exhibit Guidelines:

Effective communications drive 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.

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. If a team is awarded the State Fair Achievement Trip, only those team members in grades 9-12 will be permitted to attend the trip.
- The State Fair Achievement Trip may be awarded in each event to a maximum of the top three (3) blue merit senior individual members and top (1) blue merit senior team at the discretion of the judges. Trip winners must be of blue merit quality.

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.

### **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 is appropriate for most advanced members.

## **Computer**

### **State Fair Entries:**

3 per county; one per level

### **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.

### **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. 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:

- Block Based Programming
- Text Based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design and Computer Art
- 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 and create a report/presentation (including images) of what you did.

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

## **Graphic Design and Computer Art**

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

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

## **Robotics**

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

**Beginner** – Grades 3-5

- Create a flowchart
- Build a robot
  - Use block- 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., VEX code 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

## Consumer Clothing

**State Fair Entries:**

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

1 advanced level per county to model in state fair fashion revue.

**Description:**

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

**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.

The front of the notebook is to include the 4-H member's name, county, club, and level. Personal information such as phone number, mailing address, etc. should not be included in any notebook documentation.

Youth will be expected to model their purchased outfit and accessories at the county level. Modeling at state fair is limited to only the advanced level 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 one activity from each group in the manual and share your results or answers in a notebook, labeling each activity. With help from a parent or mentor, purchase an item of clothing that you'll wear with other clothes in your wardrobe. Examples might be slacks, blouse, jeans, shirt, sweater, or sweatshirt. Choose an accessory to go with your purchase. Accessories could be shoes, sweatband, belt, jewelry, socks or similar item.

**Intermediate** (grades 6-8 suggested)

Complete one activity from each group in the manual and share your results or answers in a notebook, labeling each activity. Purchase and accessorize a casual or school outfit. Accessories may be purchased or selected from what you currently have.

**Advanced** (grades 9-12 suggested)

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

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

## Electric

### State Fair Entries:

5 electric exhibits per county, one per level

1 electronic exhibit per county, level 5

### 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.

### 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 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 (1<sup>st</sup> 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.

#### **Electric Level 2** (2<sup>nd</sup> 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.

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

#### **Electric Level 4** (4<sup>th</sup> 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.

#### **Electric Level 5** (5<sup>th</sup> 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.
- 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.

## Entomology

### State Fair Entries:

3 collection exhibits per county, one per level

3 educational exhibits per county, one per level

### Description:

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

### Educational 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.

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:

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 grades 3-8) and 401-I cards (for grades 9 - 12) are to be placed inside the display box in an attractive manner.
- Identification – Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.

- Pin Labels - Each pin or vial must contain two labels:
  - 1) Top label is to include collection date, location, and collector name.
  - 2) Bottom label is to include common name and other optional identification data.
- Box Labels – Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family 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 4-H 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 (1<sup>st</sup>-3<sup>rd</sup> Year in Entomology)

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

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



3 <sup>rd</sup> year	30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include ID 401C.	1
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**Intermediate** (4<sup>th</sup>-6<sup>th</sup> Year in Entomology)

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

Year in Entomology	Collection Information	Total Boxes
4 <sup>th</sup> 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
5 <sup>th</sup> 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
6 <sup>th</sup> 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** (7<sup>th</sup>-10<sup>th</sup> 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
7 <sup>th</sup> 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
8 <sup>th</sup> 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
9 <sup>th</sup> 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.	3
10 <sup>th</sup> 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.	3

## Fashion Revue

**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.

**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.

**Exhibit Guidelines:**

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

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.

- It is not required that you be enrolled in the Sewing project in order to enter Fashion Revue. However, the item you enter in Fashion Revue must be a wearable item and you must have sewn the entry.
- Junior Revue will be judged in the morning, and Senior Revue will be judged in the afternoon.
- The public 4-H Fashion Revue occurs annually after judging. Champions, Reserve Champions and Honor Group winners will be announced during the Public Revue.

### **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.

#### **Senior (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.

## **Floriculture**

### **State Fair Entries:**

8 floral exhibits per county, 2 per level

4 educational exhibits per county, 1 per level

### **Description:**

Youth will learn basic information and skills needed to grow healthy plants and flowers as well as floral design techniques. 4-H'ers are responsible for watering their plants during the Elkhart County 4-H fair. Planters must have drainage and provide for water retention (i.e., have a saucer under the pot). This includes hanging baskets.

### **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.

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 consider, selecting plant materials, uses of.
4. Describe how you created your corsage or boutonnieres; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
5. Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material).
6. Explore and explain: preserving cut flowers -- how, problems, uses of and/or diseases related to cut flowers.
7. Illustrate, explore and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them.
8. Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants.
9. Describe an experiment you did and the results.
10. Describe a career exploration activity you did, such as job shadow, interview with a professional.
11. Describe a community service activity you did related to your flowers project -- what you did, why, results, etc.
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.
12. Another similar activity.

## **Foods, Baked**

**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.

*The Rummel Family will sponsor the Grand Champion Foods Baked Award*

## Description:

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

## 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.

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

*For Food Competitions: Fillings, frostings, glazes, and meringues are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream if they are not fully cooked/baked. These items are allowed as ingredients in food products IF the final product is cooked/baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted.*

*Eggs/egg whites that have been cooked to 160°F (i.e., pasteurized or included as part of a batter and baked) are acceptable. No home-canned fruits, vegetables, or meats are permitted as ingredients in food products.*

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

*Recipes must be provided that identifies all ingredients that were used in each part of the product. Any ingredient that could be a potential allergen must be clearly identified. 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
- Address (4-H member information can be taken from enrollment if needed)
- Contact information (phone and/or email address; 4-H member information can be taken from enrollment if needed)
- 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 bread sticks.
- Three no-yeast cinnamon rolls or another 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 bread maker.
- A yeast bread (can be loaf, braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Participants

are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.

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

#### **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 temperature.)
- A baked food product for a catered meal or special event in which organizers have requested low fat and/or reduced sugar items. Exhibit will include your food product and a notebook outlining how this product is to be used at the event, menu, supplies to buy, preparation schedule, equipment, table layout, etc. A table display is optional.
- 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.

## **Foods, Preserved**

### **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.

*The Rummel Family will sponsor the Grand Champion Foods Preserved Award*

### **Description:**

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

### **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.

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 are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream if they are not fully cooked/baked. These items are allowed as ingredients in food products IF the final product is cooked/baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted.*

*Eggs/egg whites that have been cooked to 160°F (i.e., pasteurized or included as part of a batter and baked) are acceptable. No home-canned fruits, vegetables, or meats are permitted as ingredients in food products.*

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

*Recipes must be provided that identifies all ingredients that were used in each part of the product. Any ingredient that could be a potential allergen must be clearly identified. 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
- Address (4-H member information can be taken from enrollment if needed)
- Contact information (phone and/or email address; 4-H member information can be taken from enrollment if needed)
- 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.*

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.

Frozen food exhibits (containers and food) will not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers.

### **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. A square, oblong or round layer cake. 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.

## **Forestry**

#### **State Fair Entries:**

3 per county; one per level

#### **Description:**

This project teaches youth natural resources and forestry related skills.

#### **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.

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 an herbarium collection that contains at least 25 native Indiana forest leaves, or prepare an 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.

## Garden

### 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.

### Description:

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

### 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.

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, Latin 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, Latin 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, Latin 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, Latin 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 on a disposable plate, vegetables you have grown and cared for.

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
Turnips	Turnips, 3
Watermelon	Watermelon, 1

### Herb Option

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

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

### Potato Tray Option

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

Potato Description
Red (Norland, Triumph), etc.
Russett (Haig, Norgold, Superior), etc.

White, long type (Kennebec), etc.
White, oval type (Irish Cobbler), etc.
White, round type (Katahdin), etc.
Other (yellow, blue, etc.)

### Tomato Plate Option

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

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

## Genealogy

### State Fair Entries:

5 entries per county; one per division.

### Description:

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

### Exhibit Guidelines:

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

The exhibit will consist of no more than four (4) notebooks for Division 1-4 and first-year Advanced Division. (If a notebook requires additional space, label it as notebook x, continued.) Those notebooks are:

- Book #1 – 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:

- 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 their family.

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

Reference notations are to be made in the "source" column of the Family Group Sheet and on each document.

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

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

### **Suggested Genealogy Supply List:**

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

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 (1<sup>st</sup> year in project suggested)*

Exhibit notebook that includes the following:

#### **Book #1**

- An Introduction page with a recent photograph of yourself.
- Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. You must use the pedigree charts listed at the [www.extension.purdue.edu/4h](http://www.extension.purdue.edu/4h), 4-H 748Pc-W or 4-H 748Pbw-W or the commercial software forms, but not the old "packet" pedigree charts.
- A Family Group Sheet for your parents and each pair of grandparents. Sources of information MUST be filled in on family group sheets (see section "Recording the Information").

**Book #2** (Ancestors 1-7 information)

- Four (4) "Additional Information Worksheets":
  - one (1) for you, the 4-H member
  - one (1) for your parents
  - one (1) for each set of grandparents (total = two worksheets)
- A diary of your work

**Book #3** (Ancestors 1-7 information)

- Any documents or pictures pertaining to these three generations. Documents must be labeled with ancestor name and ancestor number. Pictures need to be labeled with ancestor name, plus names of all known people, place and date picture was taken, as well as ancestor numbers.

**Division 2** (2<sup>nd</sup> 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 the [www.extension.purdue.edu/4-H](http://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** (3<sup>rd</sup> 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](http://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** (4<sup>th</sup> 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/4h](http://www.extension.purdue.edu/4h), 4-H 748Pc-W or 4-H 748Pbw-W, or the commercial software forms, but not the old "packet" pedigree charts
- Additional Family Group Sheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the Information").

**Book #2** (Ancestors 32-63 information)

- Additional information worksheets
- A diary of your work

**Book #3** (Ancestors 32-63 information)

- A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
- Any documents or pictures pertaining to these generations, correctly labeled.

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

**Advanced** (5<sup>th</sup> 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.

## Geology

### State Fair Entries:

3 per county; one per level

### Description:

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

### 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.

Specimens may also be displayed in a 24"x 18"x 3" collection box, 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.

## **Health**

### **State Fair Entries:**

3 exhibits per county; one per level.

### **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.

### **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.

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.

## **Home Environment**

### **State Fair Entries:**

6 per county; two per level.

### **Description:**

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

### **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.

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.

## Junior Leaders

4-H Junior Leaders is a countywide 4-H organization for young people in grades 7-12 who are enrolled in another club and taking at least one other 4-H project. For project completion, Junior Leader record books must be completed and turned in at the Junior Leader concession stand on the date set by the executive board.

4-H Junior Leaders develop leadership qualities through their experiences in meetings, activities, and community service projects.

4-H Junior Leaders is also a social club that takes advantage of youthful fun. Junior Leaders strive for good leadership which means not one but many people thinking, planning, and working together.

## Media

The Elkhart County 4-H Media Club is open to any 4-Her in grades 3-12. Club meetings are monthly. Meeting topics include interviewing and writing techniques (who, what, when, where, and how), photojournalism, advertising design and sales, and electronic layout of publications.

The major club activity (project) is to publish the *Clover Chronicles*. The *Clover Chronicles* is published five days of the Elkhart County Fair each year (Monday through Friday). Elkhart County 4-H Media Club members plan to be available at the fair during the day to cover events as assigned by the member's assignment schedule, editorial team and/or club leaders. Writing and publication layout is finished in the evening which usually requires some late evenings.

An editorial team is selected for each day. The team's responsibility is to edit submitted articles and decide which will be included in the daily paper and create the layout for that day's issue. The editors-of-the-day must be available all day and are required to stay in the evening until their edition of the *Clover Chronicles* is finished.

### Project Exhibit Guidelines:

*Requirements must be met each year of Elkhart County 4-H Media Club participation.*

1. Advertising: Each Elkhart County 4-H Media Club member must sell and collect the money for at least two ads by the specified club deadlines in order to qualify for an Elkhart County 4-H Media Club ID badge and 4-H fair pass.
2. News Articles: Each Elkhart County 4-H Media Club member is required to write articles during fair week, as assigned. Articles will be due by the designated *Clover Chronicle* deadline.
3. Record Sheets: Elkhart County 4-H Media Club members will complete a record sheet reporting their media club activities at the conclusion of their club year. Record sheets are due on the last Friday of the fair.
4. Senior Article: Members in their last year of 4-H eligibility are required to write an article about their experiences during their 4-H career. This must be turned in by the assigned deadline for inclusion in an edition of the *Clover Chronicles*. This project does not have a State Fair entry
5. Editors of the Day Teams: All club members will serve on an editors-of-the-day team.
6. Fair and Assignment Schedules: By the specified deadline, all club members will turn in their general schedule for when they are NOT available for Media Club assignments during the fair and a schedule of fair events, they are interested in covering as a *Clover Chronicles* assignment. Extensions of the deadline for turning in these schedules are rare and, if

granted, are due upon arrival at the meeting. In this project you are encouraged to express yourself creatively through dance, music and drama.

7. Club ID Badge: Each club member will be getting a club identification badge used to identify them as members of the Elkhart County 4-H Media Club and as professional media covering news during the fair. The badge is earned by club members through selling advertising for the *Clover Chronicles*.

## Microwave Cooking

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Performing Arts

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Photography

### State Fair Entries:

- 2 beginner per county
- 3 intermediate per county
- 3 advanced per county

### Description:

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

### Exhibit Guidelines:

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.

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. Altering of images by any other means besides the device it was taken with is to be entered in the creative/experimental category. 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 edition.

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:

- 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:

- 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:

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

## **Remote Control**

### **No State Fair Entries**

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## **Sewing, Non-Wearable**

### **State Fair Entries:**

10 exhibits per county; one per grade level

### **Description:**

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

### **Exhibit Guidelines:**

Members may enter both a wearable and a non-wearable.

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, 4-H 925c-W](#), with the exhibit. Skills sheets are for judging purposes only and will not be returned to the exhibitor. It is suggested that the 4-H member bring their pattern and pattern instructions to 4-H judging.

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:

## **Sewing, Wearable**

### **State Fair Entries:**

5 junior exhibits per county; one per grade level

6 senior exhibits per county; one per category

### **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.

### **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, [4-H-925-SC-W](#), 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.

## Shooting Sports

**State Fair Entries:**

3 per county; one per level

**Description:**

The 4-H shooting sports project teaches safe operation of firearms and archery equipment.

The 4-H Shooting Sports project teaches safe operation of firearms and archery equipment. Four disciplines are offered at the county level: archery, rifle, shotgun, and pistol. The disciplines are offered based on the availability of ranges, equipment, and certified 4-H Shooting Sports instructors to teach the classes. Youth may enroll in one or more disciplines, depending on interest, age and experience. The project is offered as a county 4-H club. Interested youth are invited to attend a club informational meeting in December.

**Shooting Sports Club Rules:**

- All first-year rifle members are required to attend the mandatory Club Safety Class.
- It is strongly recommended that ALL members have taken and passed the Indiana Department of Natural Resources (DNR) Hunter Education Course to be involved in the 4-H Shooting Sports Club. There is an independent online study course offered through the Indiana DNR. The online course is only available to Indiana residents 12 years or older.
  - The website is [www.hunter-ed.com/indiana](http://www.hunter-ed.com/indiana)
- In addition to completing the 4-H Online Enrollment Form, ALL members annually shall provide the Purdue Extension Elkhart County office a signed 4-H Youth Development Liability Release Statement (the form needs to be signed by the 4-H member and parent/guardians) or electronically submitted.
- Trophy shoot dates are provided on the schedule. Members will be required to sign up for shooting times per discipline. To expedite the process, practice will be limited to a single target on the rifle and pistol ranges on Trophy shoot dates. For rifle and pistol, you will be given 1 practice target and then you will have to shoot your trophy targets. Make sure you get your practice in earlier in the year!
- Each club member must complete on their own merit.
- Appropriate attire and closed-toe shoes are required.
- Each club member must sign the attendance sheet provided for the club event prior to participating.
- ALL 4-H club members, spectators and instructors are expected to follow all classroom and range rules at all times.
- ONLY 4-H Certified Instructors are to instruct 4-H members on the shooting ranges.
- Instructors or a Club Coordinator may decide that a member should be excluded from or limited in shooting range participation due to physical or mental maturity. Safety and a teachable attitude are a must!
- Any Instructor or the Club Coordinator has the right to bar any member, parent, guardian or spectator from shooting range participation or presence in their actions are deemed unsafe.
- Parents / Guardians are WELCOME to attend all meetings but are subject to rules and regulations of the Club. Parents / Guardians are encouraged to get involved with your 4-H member.
- There will be no less than two leaders present at any Club meeting until all Club members have been picked up following the end of the meeting.
- Scores are calculated by a panel of instructors and considered final at the conclusion of the fair. If you feel there was a scoring error, please contact a club coordinator.
- Cell phones, electronics or other items that may distract members are prohibited from use beyond the safety lines and must be out of sight.
- Trophy Shoots are a privilege intended for members to demonstrate the level of mastery of shooting skills they have obtained from practice throughout the shooting year. Through regular participation it is the expectation that members will obtain a working knowledge of range rules and safety procedures prior to participating in the Trophy Shoot. Any Instructor or Club Coordinator has the right to bar any member or parent from shooting range participation or

presence if their actions are deemed unsafe including not having knowledge of range rules and procedures. Since limited instruction and coaching will be provided during sight-in and warm up at Trophy Shoot, ALL members should attend a minimum of two club meetings specific to the disciplines for which they are registered. Members unable to participate in the Trophy Shoot can achieve the requirements for club completion by making a project or poster related to the discipline as described in the Shooting Sports manual. Each club member must sign the attendance sheet provided for club events prior to participating.

#### **Discipline Eligibility:**

- Archery is available for all members of the 4-H Shooting Sports Club who have completed the requirements for club membership.
- To be eligible for Rifle, you must have completed the requirements for club membership and you must be at least ten (10) years of age by start of the fair.
- To be eligible for Shotgun, you must have completed the requirements for club membership and you must have completed two (2) years in rifle. This means you may start shotgun no sooner than your third year of firearms in the 4-H Shooting Sports Club.
- To be eligible for Pistol, you must have completed the requirements for club membership and you must have completed four (4) years in firearms (rifle and/or shotgun) and you must demonstrate safe handling of firearms at all times. This means you may start pistol no sooner than your fifth year of firearms in the 4-H Shooting Sports Club.
- Annual Club Equipment Fees are required to defray costs of shooting range activities according to the follow schedule:
  - Archery: \$20.00
  - Pistol: \$20.00
  - Rifle: \$20.00
  - Shotgun: \$40.00

This fee is separate from the Program fee required by Indiana 4-H. These fees are paid annually at any club event. Your promptness in payment is appreciated. You will not be allowed to participate in a trophy shoot or receive fair tickets if club equipment fees have not been paid. If you are unable to pay the fee and need financial assistance, please contact one of the Club Coordinators.

All members must complete at least one of the following:

- Participate in a club trophy shoot  
OR
- Make a project or poster exhibit related to your discipline. Create an exhibit that shows the public what you learned in shooting sports education this year.

#### **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.

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.

Please note: Exhibits (NOT targets from the TROPHY SHOOT) will be eligible for an INDIANA STATE FAIR entry and will be judged accordingly.

## **Soil and Water Science**

### **State Fair Entries:**

3 per county; one per level

### **Description:**

The soil and water science project teaches youth about soil, water, and environmental stewardship.

### **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.

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.

## Sportfishing

### State Fair Entries:

3 per county; one per level

### Description:

The 4-H sportfishing project teaches safe habits and youth develop an appreciation for natural resources.

### 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.

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.

## Sports

### No State Fair Entries

Refer to the project packet, you can download it [here](#), or pick up a hard copy at the Purdue Extension Office.

## Tractor Safety and Operator 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.

### Description:

The 4-H tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills. Club meetings are held in March with emphasis on farm tractor safety, care, and troubleshooting methods. Demonstrations are given by the leaders and members stressing the importance of continuous farm tractor safety and care. Youth do not need to own a tractor to participate in this club. Practice opportunities will be provided. In May club members have the opportunity to practice and compete in the county farm tractor driving contest. Winners advance to area and state contests.

## **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:**

### **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.

# **Lawn and Garden Tractor Safety and Operator 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.

### **Description:**

The 4-H lawn and garden tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills. Club meetings are held in March with emphasis on garden tractor safety, care, and troubleshooting methods. Demonstrations are given by the leaders and members stressing the importance of continuous garden tractor safety and care. In May club members have the opportunity to practice and compete in the county garden tractor driving contest. Winners advance to area and state contests.

### **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:**

#### **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.

## Veterinary Science

### State Fair Entries:

3 per county; one per level.

### Description:

This project provides a hands-on learning experience that helps youth learn more about the Veterinary Science profession.

### 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.

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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.

## Weather and Climate Science

### State Fair Entries:

3 per county; one per level

### Description:

Youth will learn information about weather and climate science.

### 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.

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.

## **Wildlife**

### **State Fair Entries:**

3 per county; one per level

### **Description:**

This project helps youth learn to identify wildlife, basic wildlife needs, and how wildlife interacts with other wildlife and people.

### **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.

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.

# Woodworking

**State Fair Entries:** 4 per county; one per level.

## **Description:**

The 4-H woodworking project provides youth with educational information about wood and how it can be used to construct items.

## **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.

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



# 4-H July Calendar