BENTON COUNTY 4-H

2025 HANDBOOK

**4-H Policies, Guidelines, and Exhibit Requirements**



**Purdue Extension Benton County**

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**Fowler, IN 47944**

**765-884-0140**

**bentonces@purdue.edu**

[**www.extension.purdue.edu/benton**](http://www.extension.purdue.edu/benton)

**4-H Pledge**

I pledge

My HEAD to clearer thinking,

My HEART to greater loyalty,

My HANDS to larger service,

My HEALTH to better living,

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

**4-H Motto**

“To make the best better.”

**4-H Colors**

The 4-H colors are green and white. Green, nature’s most prominent color, symbolizes growth. The white symbolizes purity and high ideals.

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

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The 4-H Council Congratulates

Our 2025 10-Year 4-H Members

Gavin Bice

Isabella Gross

Hayden Hinds

Maci King

Ava Lukaszka

Ian Metzinger

Catie Musser

Abbygail Perkins

Angela Perkins

Addison Winger

***Thank you to our 2023-2024 4-H Council Sponsors***

**GOLD**

Geswein Farm & Land Realty, LLC

Keystone Cooperative

Land O’ Lakes Foundation

Warren County REMC

**SILVER**

Alliance Bank – Oxford & Otterbein

Boswell Chase Grain

Fowler State Bank

Mike Alsop Kentland Chevrolet

Ron & Lynda Freeland

**GREEN**

Barce & Redlin PC

Benton County Extension Homemakers

Beutler Meats & Catering

Boswell Trade Center

Brouillette Heating, Cooling, & Plumbing

Creek Farms

Curt & Tracy Albertson

Doug & Karyn Musser

**GREEN - continued**

Dwenger Excavating Contractors, Inc.

Fowler Dentistry

Gibson Furniture

Griffin Farmland, LLC.

Junior Farmers 4-H Club

Judd & Cris Burgett

Katrina Molter, State Farm Insurance

Kentland Veterinary Clinic, LLP

McFall’s Service Station

Oxford Lions Club

Ron Charlesworth Family

Ryan & Anne Snodgrass

Seven Hills Dairy – Winners Drink Milk

Shane & Margaret O’Malley

Shane & Sara Gretencord

Stockland Grain Co., Inc.

Strasburger Trucking Inc.

Terry Harman Family

Tom & Janet Gretencord

Tom & Patty Suiter

Wallpe Farms – Steve & Lan

**2024 4-H Livestock Auction**

Albertson Drone Service

Andrew & Amy Winger

Automotive Color & Supply Corp.

Barnhart Crane

Beck’s Hybrids

Benton County Farm Bureau Org

Berenda Farms, Umbarger Show Feeds

Bergman Brokerage

Bill & Rose Moyars Farms

Boswell Chase Grain, Inc.

Brad & Anne Harman

Brent & Natasha Cox

Buchanan Farms

Buchanan Fields

Budreau Ag

Carlson Condry Farms, LLC

Castongia’s Inc

Chuck & Kristi Barr

Curt Metzinger Electric, LLC

Dave Gephart Farms

Dave Kult & Pat Kwiatt

David & Jane Smith

DeFouw Collision

Denny Musser

Doug & Karyn Musser

Doug Ransom

First Farmers Bank & Trust

Fox Farms

Funk’s Frontiersman

Gary & Sue Schwartz

H & B Farms LLC – Joel & Austin Huff

Helena Agri-Enterprises

Hoosier Associates

Jared & Angela Whitwer

Jason Funk

Jason Leigh

Jeff Siple Insurance Agency

Jerry & Carrie Buck

Joe & Leslie Fisher

John “Pat” & Cynthia Carlson

John & Julie Cox

John Kretzmeier & Family

Jon Charlesworth

Justin & Ashley Bice

Keystone Cooperative

Keystone Mulberry

Larry & Cheryl Winger

Linder Trucking

Metzinger Construction

Mid-North Drywall & Stucco

Mike & Glenna Minniear

Nally Farms, Patrick & Heather Nally

Nutrien Ag Solutions – Attica

Nutrien Ag Solutions – Hoopston

Nutrien Ag Solutions – Sheldon

Ransom Farms Trucking

Ric & Jan Fox

Rick Moore Family

Russ Leigh

Ryan & Emily Cox

Sam Foster

Schneck Specialty Hybrids

Scott & Kelly Wallpe

ServiceMaster

Sheets Family Dentistry

State Farm

Stefanie & Trent Hall

Steve & Gena Cox & Family

Steve & Lana Wallpe

Steve & Jamie Duke

Stockland Grain

Strasburger Trucking

The Farmers & Merchants Bank

Tippy Transport

Tolen Crop Service, Inc

Tom & Janet Gretencord

Totally Foam

Truland Equipment

United Prairie – Tod Hufford

West Lafayette Agri-Sales

Wilson Trailer Sales

Zumwalt Aviation

**4-H Activities, Conferences, Workshops, and Educational Trips**

There are many recreational and educational 4-H activities available at the county and state level which are designed to fulfill the objective of 4-H. For a brief explanation for the following activities go to <https://extension.purdue.edu/4h/Pages/workshops.aspx>. These activities generally require that the 4-H member apply or register to participate.

***IN 4-H Foundation Scholarships –*** applications due January 25 to 4HOnline.com

***IN 4-H Day at the State House –*** Youth in 7th-12th grade will learn about their state government through a day full of civic engagement and leadership. Participants will tour the state house, meet representatives, and have the opportunity to serve as student pages.

***National 4-H Conference –*** Brings hundreds of 4-H’ers to the nation’s capital each spring. During the Conference, delegates will become familiar with the government and future career opportunities and share their voice with federal agencies and congressional committees.

***4-H Camp –*** Camp is held in June for members who are in grades 3-6. Each individual pays their own expenses for the 3-day camp. Activities include swimming, recreation, nature studies, crafts, boating, fishing.

***4-H Academy at Purdue –*** Youth in 9th-12th grade is a program held at Purdue University specifically designed to offer hands-on, exciting opportunities to learn about a diverse selection of subjects and careers. Participants will meet and learn from professors, graduate students, and other experts in their respective fields and participate in interactive activities and experiential learning. This is two-day event.

***4-H Band Workshop –*** Youth in 9th-12th grade will attend a three-day workshop. Youth will improve their instrumental skills as they prepare for a concert band performance.

***4-H Chorus Workshop –*** Youth in 9th-12th grade will attend a four-day workshop. Youth will improve their vocal and choreography skills as they prepare for a show choir performance.

***4-H Round-Up –*** Youth in 7th-9th grade Attendees have an opportunity to explore a variety of careers by attending classes created just for Round-Up attendees at Purdue University. Participants will get a taste of college life and will live in a Purdue Residence Hall for two nights. Registration opens March 15.

***Indiana 4-H Ambassador –*** was created to empower teen 4-H leaders with the knowledge, skills, and aspirations necessary to be effective advocates for Indiana 4-H Youth Development. Grades 9-11

***State Fair Exhibit Hall Workers –*** Youth are afforded an opportunity to work at the Indiana State Fair as an Exhibit Hall Worker. Duties are included in the link above. Must be a minimum of 14 years of age. Exhibit Hall Worker are expected to reside on-site in the reserved dormitory space. This is a minimum wage-earning employment opportunity.

***4-H/FFA Judging Contests and Career Development Events (CDE) –*** CDE occur throughout the state during different times of the year. They are competitive events that allow youth to showcase their knowledge on a specific topic. Most CDE’s offer individual and team entries. Contests held at county/area level in 17 different areas. Winners are eligible to participate in area/state contests. For more information, talk to your 4-H leader, FFA advisor, or the local Extension Office.

***Junior Pork Day -*** Held at Purdue in the spring; designed to help 4-H swine members, parents, and leaders in selecting project pigs; evaluating live hogs, carcasses, and pork cuts; identifying pork cuts; raising healthy pigs; managing breeding animals; and showmanship.

***4-H Talent Contest -*** A talent contest for 4-H members or clubs. Winners may participate in an area contest. Area winners may be asked to perform at 4-H Round-Up or Indiana State Fair.

**County-Specific Awards & Scholarships**

**Completion Pins**

These are basic awards, available to 4-H members upon completion of the year’s work.

**Benton County Extension Homemakers Scholarship**

Scholarship awarded to a Benton County resident. Application submitted through the Benton Community Foundation.

**Benton County 4-H Junior Leaders Scholarship**

Scholarship awarded to an active Benton County 4-H Junior Leader. Application submitted through the Benton Community Foundation.

**Benton County 4-H Council Scholarship**

Scholarship awarded to a current Benton County 4-H member with at least seven years of participation. Finalists will be invited for an interview with the 4-H Council Scholarship Committee. Application submitted through the Benton Community Foundation.

**Lora Mae Atkinson Memorial Award**

This award was established by contributions from the Atkinson Family and friends in memory of their mother. The award is given to an individual in the third sewing division as an incentive to continue making progress in 4-H.

**Tenure Awards**

The State Women’s Committee of Indiana Farm Bureau, Inc. sponsors this award to encourage 4-H members to continue in the 4-H program and to encourage greater participation in all 4-H projects. The two 10-year members per county who have the best record in terms of 4-H tenure are honored annually. The awards are based on the number of years in 4-H plus total projects completed.

**Ten Year 4-H Member Awards**

An award will be given to 10-year 4-H members at the 4-H Awards Program held during the 4-H Fair.

**Benton County 4-H College Savings Incentive Program**

The Benton County 4-H Council developed an incentive program to reward all 4-H members’ efforts. The 4-H Council has established this program to provide financial incentives for project completion and involvement. This program can be thought of as a 4-H scholarship that could add up to over $500 during a member’s 4-H career. The chart below explains the incentives that are available this, based upon grade level. The 4-H program has always strived to provide our members with opportunities to be college and career ready after high school. In that spirit, these incentives will be contributions to a 529 college savings account. These tax-advantageous accounts are a great tool for families to save for college, which can include trade schools, community college, or 4-year schools. Our incentives are a compliment to the Benton Community Promise that helped open 529 college savings accounts for local youth. We know that the mere existence of an account, regardless of balance, increases the hope of the child and is a large predictor of their college success.

**Completion Incentive**

Once a 4-H member has provided their College Choice 529 Ugift number to the 4-H Council Treasurer, they are eligible for the completion incentives below. Theses are based upon the 4-H program year of October 1 – September 30.

The completion incentive will be distributed into the 529 account before the end of year, following the most recently completed 4-H year. These awards are not cumulative. A member may qualify for a single level, based upon their level of involvement.

Incentives will be based upon tracking by club leaders, food stand chairpersons, and online tracking of 4-H projects and activities. To open a 529 College Savings account, contact your financial advisor or go to [www.collegechoicedirect.com](http://www.collegechoicedirect.com).

|  |  |  |
| --- | --- | --- |
| **Grade** | **Requirements** | **Incentive** |
| **3-6** | **Bronze**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th | $20 |
| **Silver**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th * Volunteer 2 hours in the 4-H Food Stand | $30 |
| **Gold**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th * Volunteer 2 hours in the 4-H Food Stand * Attend a county, area, or state level camp or workshop | $45 |
| **7-12** | **Bronze**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th | $20 |
| **Silver**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th * Volunteer 4 hours in the 4-H Food Stand | $45 |
| **Gold**   * 4-H member must attend 3 club meetings through 4-H program year * Must complete all projects enrolled in as of May 15th * Volunteer 4 hours in the 4-H Food Stand * Attend a county, area, or state level camp or workshop | $55 |

Tentative

**2025 Benton County Pre-Fair & Fair Schedule**

**A green banner with white text with University of North Texas in the background

Description automatically generatedFair Dates: July 15 - July 20**

**Thursday, July 10**

5:00 pm-7:00 pm Mini 4-H Project Check-in & Sharing

**Friday, July 11**

5:00 pm-7:00 pm 4-H Project Check-in

**Saturday, July 12**

8:00 am-9:00 am 4-H Perishable Project Check-in (Floriculture, Foods, Garden)

9:00 am 4-H Project Judging

12:00 pm 4-H Consumer Clothing, Fashion Revue, Sewing, Project Check-In & Judging

**Sunday, July 13**

4:00 p.m. 4-H Cat & Pet Show

6:00 pm 4-H Dog Obedience Show

**Tuesday, July 15**

6:00 am-noon 4-H Livestock Check-In

1:00 pm 4-H Ag Tractor Contest

1:00 pm 4-H Lawn & Garden Tractor, Zero-Turn Mower Contest

**Wednesday, July 16**

8:00 am 4-H Livestock Weigh-In: Sheep, Goat, & Beef

9:00 am 4-H Rabbit Show

12:00 pm 4-H Poultry Show

8:00 pm   Miss Benton County & Jr. Miss

4-H Fashion Revue

4-H 10 Year Member Recognition

**Thursday, July 17**

9:00 am 4-H Beef Show

1:00 pm 4-H Goat Show

7:00 pm Swine Weigh-in (in Swine Barn)

**Friday, July 18**

7:00-10:00 am Castongia’s Breakfast – 4-H Food Building

9:00 am 4-H Horse & Pony Show

**Saturday, July 19**

9:00 am 4-H Swine Show

3:00 pm 4-H Sheep Show

3:00 pm Mini 4-H Day Activities & Awards

8:00 pm 4-H Auction Sign-up Deadline

**Sunday, July 20**

9:00 am 4-H Horse & Pony Contesting Show

3:00 pm 4-H Supreme Showmanship

3:30 pm Herdsman Awards – Show Arena

4:30 pm 4-H Group Pictures

4:30 pm Battle of the Barns

5:00-7:00 pm 4-H Project Release – Project Building

6:00 pm 4-H Livestock Release (Beef, Goat, Horse & Pony, Poultry, Rabbit, Sheep & Swine)

**Monday, July 21**

9:00 am 4-H Livestock Auction

**Benton County Extension Office Staff**

4-H Youth Development Extension Educator

Agriculture and Natural Resources (ANR)/County Extension Director (CED) Jon Charlesworth

[charles6@purdue.edu](mailto:charles6@purdue.edu)

Health and Human Sciences Extension Educator (HHS)

Office Manager Kelly Wallpe

[wallpe2@purdue.edu](mailto:wallpe2@purdue.edu)

Program Assistant Amy Wilkinson

[wilkin52@purdue.edu](mailto:wilkin52@purdue.edu)

**4-H Council**

**President** Leslie Fisher

**Vice President** Kristi Kretzmeier

**Secretary** Rachel Sayre

**Treasurer**  Carrie Buck

**Junior Leader Representative** Isabel Sayre

**Project Advisor Leader** Rachel Sayre

**Members at Large** Amy Winger

**4-H Club Leaders**

**Dan Patch** Emily Matthys Bennett

**Fowler’s Finest** Anne and Ryan Snodgrass

**Helping Hands** Niccole McGinnis and Kyra McGinnis

**Hometown Hubsters** Alex Ardapple

**Junior Farmers**  Kristi Kretzmeier

**Lucky Pines** Ryan Pyke

**Parish Grove** Carrie Buck and Lynn Lucy

**Mini 4-H** Kelly Wallpe and Amy Wilkinson

**4-H Project Club Leader**

**Horse & Pony** Cassie Dalton

**Junior Leaders** Carrie Buck and Kelly Wallpe

**4-H Barn Superintendent**

**Beef** Kalob Weigle

**Goat** Melissa Fox

**Horse & Pony** Cassie Dalton

**Poultry** Kelly Wallpe and Amy Winger

**Rabbit** Alex Ardapple

**Sheep** Kristi Kretzmeier

**Swine** Jeff Fields

**4-H Project Advisors**

Contact the Extension office at 765.884.0140 or your Club Leader, if you need any help with your 4-H project. They will assist you in connecting you will a Project Advisor or other resources.

**Indiana 4-H**

For full policies and procedures of Indiana 4-H, <https://extension.purdue.edu/4-H/about/policies-and-procedures/index.html>

**Indiana 4-H Program Philosophy and Expectations**

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

The Indiana 4-H Youth Policies and Procedures includes certain standards and guidelines to assure that 4-H is a positive youth development program. 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. County 4-H policy is guided by the county 4-H policy making or governing board (i.e., 4-H Council) as provided by the Indiana 4-H Youth Development program.

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.

Volunteers and Extension Educators may not require youth to attend 4-H club meetings in order to complete 4-H or exhibit their work unless a safety meeting required at the state level is required for the project.

**Indiana 4-H Mission and 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 strives to be the premier, community-based program empowering young people to reach their full potential.

**Residence**

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

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

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

**4-H Participation Procedures**

There are a number of ways that an individual may participate in 4-H in Indiana. Options are outlined on the Indiana 4-H Website: <https://extension.purdue.edu/4-H/about/types-of-involvement.html>

4-H Online is the primary method we use to address our risk management policies. Purdue University has approved the use of 4-H Online to fulfill the university’s requirements for youth protection.

Completion of the annual 4-H Online enrollment process allows youth to participate fully in competitive events, activities, and programming offered by the Indiana 4-H Youth Development Program. Paper registration may be an accommodation offered for individual programs or family specific needs. County extension offices will ensure that Purdue Youth Protection policies are maintained and captured electronically.

County 4-H programs may not alter Indiana 4-H membership or risk management materials.

Volunteers and Extension Educators may not require youth to attend 4-H club meetings.

Questions regarding the 4-H Online membership process can be directed to the Purdue Extension Office in your county: <https://extension.purdue.edu/county/benton>.

**Competition and Youth Development**

4-H’s mission is to empower youth to reach their full potential through working and learning in partnership with caring adults. Many volunteers and staff work to assist youth in developing knowledge, skills and attitudes that enable them to become productive and contributing members of society. It is important for adults to keep this goal in mind and recognize that youth need to learn how to complete projects, not someone else. While there are obviously differences in the abilities of third grade student as compared to a twelfth-grade student, the potential for youth to learn is always greatest when youth are responsible for completing the various aspects of their project.

In competitive events, parents and others focusing on winning the competition and not on developing the youth can overlook the mission of youth development. The following principles should be recognized for determining rules regarding 4-H members doing their own work.

* Help from family members is appropriate for some aspects of the project. However, the exhibitors should have increased responsibility as they mature in their project skills.
* Teamwork is a life skill and working together with other 4-H’ers is appropriate.
* Professionals or individuals who are paid to do similar work and are older than 4-H age and not related to the youth, should not be involved in aspects of the project that are directly related to exhibition and competition. Along with principles, the following questions should be asked for determining rules regarding 4-H members doing their own work:
  + Is the 4-H member capable of completing the work, even if the level of expertise is different from other youth or adults?
  + Are other youth of similar age capable of completing the work? Is the assistance offered by other exhibitors or family members focused on competition for exhibition or I the youth involved in the process and able to improve his/her own skills?

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

The grievance procedures outlined in this document are utilized as part of an internal process of the Indiana 4-H Youth Development program 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 Indian 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 Grand 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 Indian 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, Indian 4-H Program policy shall be followed in determined 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 maybe 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.
   1. The grievance is initially heard by an unbiased, representative grievance sub-committee of approved 4-H Volunteers. It is the Purdue Extension Educator assigned to 4-H Programming who shall annually work with the chair of the county 4-H Council to determine this committee’s membership to include a combination of 3-6 of the following individuals: one representative of the 4-H Council; two 4-H volunteers 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.
   2. 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.

**Benton County 4-H**

*4-H offers an excellent opportunity for the development of young people. It is hoped that the 4-h projects and activities with which they are involved will be positive experience that will further their growth toward becoming responsible and productive members of society and leaders in their respective communities.*

**Benton County 4-H County Policy**

The County 4-H Council is determined by the county 4-H policy.

The 4-H Council may use advice from Extension Educators, 4-H Volunteers, State 4-H Staff, and others interested in the county 4-H program. All situations not covered by the County 4-H Handbook will be resolved by the Barn Superintendent/Project Leader, 4-H County President, and 4-H Youth Development Educator.

**How to Prepare a Poster Project**

**General Rules**

All posters must be 22” x 28” and **must be exhibited horizontally**.

22”

28”

1. **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 website links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit the exhibit the way references are listed.
2. Posters must be mounted on a firm backing. Any thin, lightweight material that will keep the poster form bending forward will work. Examples are very stiff cardboard, thin paneling, thin luan board, or foam core board. (Foam core board is available for purchase at the Extension Office.)
3. All posters are required to be covered with clear plastic or other transparent material to protect the exhibit. This is required to keep the poster clean before judging and when touched by fairgoers. Clear plastic sleeves are available for purchase at the Extension Office. These are the most convenient choice for poster coverings.
4. Clear plastic comes in various thicknesses, in rolls or sheets, and may be purchased at most hardware and variety stores.
5. All posters must have a title. Some exhibits require a specific title, and others allow the 4-Her to use creativity in choosing a title.
6. Check exhibit requirements for your specific project.
7. Space should be left in the lower-right hand corner to place an exhibit tag provided by Purdue Extension staff.
8. Neatness and cleanliness are important.

*Tip:* K2R will take fingerprints off colored poster board.

**Planning the Poster**

1. A good poster does not happen by accident. Plan your poster ahead of time, make several rough sketches and experiment.
2. Poster should have one main idea.
3. Poster should be self-explanatory.
4. The message of the poster should be brief and direct.
5. Poster should grab the viewer’s attention immediately, help the person to focus on the main idea, and cause that person to act.
6. Be sure poster follows the specific project requirements.

**Color**

1. Use white poster board when required and experiment with other colors when it’s not required.
2. Colors can create the desired mood or atmosphere for your poster. Colors have meaning, so use the appropriate color for your subject. Example: earthy colors (light brown, neutrals, greens, rust) work well for forestry and wildlife posters.
3. Limit the poster to two or three colors so that color does not become too obvious to the viewer.
4. Choose color combinations that make your message easy to read. The following color combinations are listed form most legible to least legible: black on yellow, green on white, red on white, blue on white, white on blue, black on white, yellow on black, white on red, white on green, white on black, red on yellow, green on red, red on green, blue on red.

*Reminder:* Marking pens may change color, depending on background color.

**Lettering**

1. Lettering should be large enough and dark enough to be easily seen.
2. Leave the same amount of space between letters.
3. Spaces between words should be about the size of a full letter.
4. Lower case letters are easier to read than capital letters. Use capital letters or other novel lettering, methods only for emphasis.
5. Straight, simple letters are easiest to read.

**Lettering Methods**

There are many ways to complete the lettering on posters. Possibilities include:

1. **Hand Lettering** – Looks appealing if done neatly.
2. **Stencils –** Give a very neat appearance if used properly.
   1. Close the gaps on stenciled letters to make them solid letters, which are easier to read.
   2. Use a pencil to trace the letters directly onto the poster and then color them. Do not attempt to color through the stencil.
   3. If colored pencils are used, the best are soft leaded ones. They are easy to use the blend, and strokes will not show. Hard leaded pencils are less expensive but are more difficult to use.
   4. Stencil letters can also be traced onto construction paper, fabric, contact paper, or colored paper and then cut out. Tracing the letters on backwards to the wrong sides of the paper will help eliminate pencil marks.
3. **Self-Sticking Letters** – Are very neat but are more expensive to use. Adhesive on the letters sticks the letters to the poster, and they cannot be reused. Some adhesive letters may be repositioned, and some are permanently attached once they are placed on the poster.
4. **Computer Generated Letters** – Entire words or groups of words may be mounted on poster.
5. **Computer**-**Controlled Cutting Machines** – Entire words or groups of words may be adhered to the poster.

**Mounting Adhesives**

1. **Rubber Cement** – Leaves no marks and won’t wrinkle paper
2. **Double Stick Tape** – Good for attaching leaves
3. **White Glue** – Use only if item being attached is thick enough that wrinkling or damage will not occur.
4. **Glue Sticks** – Work well in many instances
5. **Spray Adhesives** – Good choice for attaching leaves and other items to poster
6. **Vinyl** – Use with the cutting machines

**Extra Touches**

1. **Colored Tape** – This is not necessary but is an easy way to attach poster to backing and makes an attractive border. It is available in many colors (cloth or plastic) and is available at discount and craft stores. Tape 1” to 1 ½” wide gives the poster a nice border
2. **Colored “Frames”** – for pictures or labels
3. **4-H Clover** – somewhere on poster and/or 4-H in title

**Notebooks – General Guidelines**

Several projects utilize notebooks as the key form of communication between the 4-Her and the judge to explain how they did their project. Notebooks help explain creative decisions, obstacles that had to be overcome, and other key events in the process of completing a project.

The first page in your notebook must be a title page including name and county. Notebooks should be a sturdy 3-ring binder (with stiff covers). No report covers or similar styles (except for Creative Writing exhibits). Information printed directly off the web will not be accepted. Materials included in the notebook need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he/she learned from their research (experiment, on web, in library, etc.) and/or activities to create the notebook. Work should include references where appropriate. Pictures, graphics, and artwork are encouraged.

**Animal Science**

**Animals: General Terms and Conditions**

These general terms and conditions are presented to maintain and ensure a wholesome educational program in the interests of all 4-H exhibitors. The following terms and conditions are based on the General Terms and Conditions for the Indiana State Fair.

1. Beef, Dairy, Horse & Pony, Goats, Sheep, and Swine **must** be enrolled online at <https://v2.4online.com> by May 15th.
2. 4-H animals exhibited after the May 15th animal ID deadline at any show by anyone other than the person whose 4-H enrollment record is connected to the ID of the animal in Indiana 4-H Online will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other’s animals at any show during the year without jeopardizing State Fair eligibility. This policy applies to all 4-H animal projects. For animal projects without ID deadlines, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the owner of the animals.
3. All exhibits and class entries should be entered into the FairEntry website – <https://fairentry.com> by the July deadline (exact deadline still to be determined).
4. To exhibit beef, dairy, goats, poultry, rabbits, sheep, and swine at the Benton County Fair, members are required to become **Indiana 4-H Quality Livestock or Youth for the Quality Care of Animals (YQCA)** certified.
5. All animals must meet the State Board of Animal Health requirements to be allowed on the fairgrounds. Refer to Indiana Board of Animal Health website <https://www.in.gov/boah/>
6. 4-H members having an entry in livestock classes must show their own animals unless the Barn Superintendent and 4-H Youth Extension Educator approve a substitute 4-H showman. Requests will only be granted for medical emergencies, conflicts with showing other animals, or desperate circumstances deemed unavoidable by the respective species superintendent. Failure to be excused from a job or another activity will not result in a substitute showman being approved. The substitute 4-H showman must be a current Benton County 4-H member.
7. 4-H animal classes will be determined by the respective 4-H barn superintendent.
8. All stalls and/or pens shall be allotted by Barn Superintendents. Members enrolled in livestock projects are responsible for cleaning their stalls, pens, coops, and or space occupied by their animals(s) or exhibit(s) when removed.
9. Livestock Record Sheets are due to Barn Superintendents prior to show and/or at Barn Superintendent’s request. Participants are to complete the Benton County Livestock Record Sheet.
10. All animals must enter and leave as designated by the fair schedule. No animals may leave the fair early unless examined by a vet for medical reasons, and then the family must consult with the Barn Superintendent, Extension Educator 4-H Youth, and 4-H Council President (See Horse & Pony). They will meet with the vet and discuss if the animal needs to leave the grounds early due to medical reasons. A 4-H member, without approval, who chooses to take their animal(s) home prior to the release time will incur the following penalty: 4-Her will not be allowed to participate in the 4-H livestock auction of the current fair and will not be allowed to exhibit in the specific project area at the next year’s Benton County Fair.
11. During the fair, all animals should be kept in designated stalls, pen, or tie out areas, animals being exercised/walked should be kept within the designated areas of the fairgrounds during the fair’s duration. 4-H members who ignore this condition will incur a verbal warning, if violation occurs again then the Barn Superintendent, 4-H Youth Extension Educator, and 4-H Council President will meet to decide an appropriate penalty. Refer to the map of designated areas in the back of this handbook.
12. Tampering, altering, and/or misrepresentation of any livestock exhibit is prohibited. This prohibited activity includes breeding, age, ownership, and/or method of preparation or completion. This includes but is not limited to:
    1. Coloring that alters or misrepresents breed characteristics;
    2. Pumping air or other substances to alter conformation;
    3. Methods to induce artificial fill;
    4. Performance of any surgical or nonsurgical procedure altering the animal’s configuration or natural conformation of any part of the animal’s body. Exceptions that are allowed include hoof trimming, dehorning, removal of hair, castration, branding, tattooing, ear notching, docking of tails on sheep and swine, and coloring or manipulation of normally attached hair that does not alter or misrepresent breed characteristics or the animal’s configuration or natural conformation; and/or
    5. Administration of any substance includes but is not limited to blood, oils, steroids, air, and chemical substances. Note: Any alteration that renders the animal’s tissues unfit for human consumption is prohibited.
13. When an animal is known to have aggressive tendencies, that animal may be asked to leave by barn superintendent and/or Purdue Extension staff.
14. When drenching/hydrating, please be aware of your audience. Drenching should be used for the purpose of rehydrating, animal welfare, or the supplementation of additional nutrition that the animal may not be receiving from limited rations.
15. 4-H exhibitors are expected to follow the federally approved label when using drugs and feed additives. 4-H market animals shall not contain any foreign substances both on the day of show and at harvest. This includes drugs, steroids, or chemicals greater than standards established by the United States Department of Agriculture (USDA) or the Food and Drug Administration (FDA) as permissible for sale for consumption as human food. Administration of these compounds must follow these guidelines:
    1. Feed additives may be used according to the label. Administration in excess of the label is prohibited. It is the exhibitor’s responsibility to adhere to prescribed withdrawal times prior to harvest.
    2. Exhibitors are expected to use federally-approved drugs to treat sick animals. It is the exhibitor’s responsibility to adhere to prescribed withdrawal times prior to harvest. Note: Drugs may not be administered to 4-H animal exhibits at the Benton County Fair except those administered by the veterinarian.
    3. Administration of drugs to enhance gait or reduce lameness disqualifies the exhibit from participation. Animals too lame to show will be withdrawn. Consideration of exhibit withdrawal is advised by the species superintendent and decided by the exhibitor and 4-H Youth Extension Educator or designee. Exception: Equine exhibitors may administer federally-approved drugs but are subject to drug levels established by the United States Equestrian Federation. **Important Note:** Animals treated with medications with anti-inflammatory/analgesic secondary effects must be removed from the show, even though sickness was the reason for treatment (i.e., if a barrow is administered Banamine for a fever, it would not be eligible to be shown because Banamine also enhances performance by reducing lameness).
16. The Barn Superintendents and 4-H Youth Extension Educator reserve the right to examine any 4-H animal exhibit, feed, liquids, or contents of exhibitor’s livestock equipment for tampering, altering, misrepresentation, unethical fitting, natural or foreign substance, to include, but not limited to artificially introduced air, blood, oil, drugs, steroids, or chemicals.
17. A 4-H animal exhibit may not be maintained at a professional fitter’s facility (excluding horses as per lease agreement).
18. An exhibitor may not take exception to the decisions of an official and/or judge in an unprofessional and/or public manner. Nor should any exhibitor or person representing the exhibitor interfere with or show disrespect to any judge or show official.
19. The appropriate 4-H species Barn Superintendent or 4-H Youth Extension Educator reserves the right to visit the premises listed as the Premise ID for any species, given a verbal notice to the 4-H member.
20. The addition of a Bred and Owned, County Born and Raised, or Bottle-Raised class will be at the discretion of the appropriate 4-H Barn Superintendent. To show as “Bred and Owned” the exhibitor must show ownership of the dam prior to the beginning of the gestation period of the animal being exhibited as well as the birthdate of the animal being exhibited. “County Born and Raised” is defined as any animal born and raised by a producer with a Benton County address. Animals purchased by the 4-Her from another producer are eligible for the “County Born and Raised” class as long as the animal was born and raised by a producer within the Benton County School District. “Bottle Raised” will be defined as any animal that within a few days of birth was separated from nursing and fed by bottle. 4-H members must sign up for these classes in FairEntry by the July deadline (each deadline still be determined).

**Guidelines for Animal Exhibits – ownership, possession, and exhibition**

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

1. For 4-H breeding animals: family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or legal guardians are acceptable.
2. 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by the county 4-H council) from the animal ID deadline until the conclusion of the county and/or state fair.
3. 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 15th each year (or the following: ewes, dairy wethers, dairy feeder steers, dairy beef steers, beef steers, market and commercial heifers, meat goat wethers, and market wether dams.
4. 4-H animals purchased, sold, or offered for sale after the ID deadline and prior to the Indiana State Fair (including animals that have gone through a “Premium Only Auction”), shall not be eligible to show in the 4-H show at the Indiana State Fair. Sale of products of animals (milk, cheese, wool, etc.) in lieu of the animal, are considered equivalent to a “Premium Only Auction.”
5. 4-H animal exhibited after the May 15 (or the following business day if the 15th falls on a weekend or holiday) State 4-H animal ID deadline at any show by anyone other than the individual whose 4-H enrollment record is connected to the ID of the animal in Indiana 4-H Online will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings, who may show each other’s animal 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.
6. Temporary guardianships established for the intent of animal exhibition or grooming purpose are not permitted and shall result in immediate disqualification.

**See State Fair Terms and Conditions section of this handbook for the Indiana State Fair species ownership guidelines.**

**Dress Code For 4-H Members**

1. All Benton County 4-H members should wear appropriate clothing and present a neat appearance while exhibiting their 4-H projects.
2. All 4-H personnel and volunteers are responsible for ensuring 4-H members are aware of this dress code.
3. In addition to the above, all livestock members are expected to wear footwear that covers the entire foot when working with their animals in any manner while participating in a 4-H sponsored activity. This includes:
   1. Exhibiting/showing
   2. Exercising
   3. Washing
   4. Cleaning pens
   5. Any other activity where the 4-Her is in direct contact with the animal.
4. It is considered a safety hazard to work with animals while barefoot or in any type of open shoes and will not be allowed during 4-H sponsored activities. Members enrolled in these species are also expected to wear long pants when exhibiting their animals in the arena.
5. Specific requirements may exist for each species, and these specific requirements may be found under the guidelines for that species.

**Showmanship**

Divisions for showmanship are as follows:

**Beef, Dairy, Goat, Horse & Pony, Sheep, and Swine:**

Junior – grades 3-5

Intermediate – grades 6-8

Senior – grades 9-12

1. A 4-H member may win Junior, Intermediate, and Senior showmanship in a species one time only during his/her 4-H career. Once a member wins their division, they will move up to the next division the following year regardless of their grade in school. Junior Showman Champion would compete the following year in Intermediate showmanship. Intermediate Showman Champion would compete the following year in Senior showmanship.
2. Winners of each showmanship division and any previous Senior division winners in that species will compete for Overall Showman in the species. Exceptions to this rule occur in the poultry and rabbit shows where the Overall Poultry showman and Overall Rabbit showman are not allowed to compete in showmanship the following year. After one year, the exhibitor is eligible to compete again for the Overall Showman.

**Supreme Showmanship Contest:**

1. Only one representative from each species category – Beef, Goat, Horse & Pony, Sheep, and Swine – may participate in the Supreme Showmanship Contest.
2. Supreme Showmanship winners cannot compete in any future showmanship contests for any species.
3. If a 4-H member wins in more than one species, they must declare to the Barn Superintendents which species they will represent in the Supreme Showmanship contest within one hour after the conclusion of the last show that member is participating in. The alternate in the species not chosen will represent that species in the Supreme Showmanship Contest. The 4-H member must know that participation and winning in the species showmanship requires further participation in Supreme Showmanship.
4. Prior to the contest, the five participants will be assigned a contestant letter (A, B, C, D, or E) via random drawing. For the first species shown, the order the contestants will lead into the arena will be A, B, C, D, E. For the second species shown, the order the contestants will lead into the arena will be B, C, D, E, A. This pattern will be followed for all five species shown.
5. 4-H participants will meet with the 4-H Youth Extension Educator prior to the event to cover procedures for the contest.
6. Once the supreme showmanship contest begins, contestants are on their own. Coaching may result in disqualification.
7. Before each species is shown, the animals will be assigned a number (1-5), and contestants will be paired with an animal by drawing cards marked 1-5.
8. Superintendents or assistants are responsible for obtaining animals of their species to be used in the Supreme Showmanship Contest. Contestants cannot show their own animal or an animal that they worked with.
9. Any equipment needed for showing will be provided by the Superintendents.
10. Judge’s results will be tallied by the 4-H Youth Extension Educator, 4-H Council President, and Fair Board President and kept confidential. In the event of a conflict of interest the Vice President in the corresponding position would fill in this role.
11. In a tie, the contestant with 1st place who finishes in the most species will be declared the overall winner. If that does not reveal a winner then we will move on and look for the contestant with the most 2nd place finishes, then 3rd, then 4th, then 5th. If this does not reveal a winner, then contestants may be asked to show an alternate species to break the tie (for example: dairy, poultry, or rabbit).

**Benton County Fair 4-H Livestock Auction**

4-H members may sell only one 4-H animal in the 4-H Livestock Auction at the Benton County Fair. **The 4-H Livestock Auction will be a terminal sale with no retaining of animals allowed.** 4-H members must show their own animal in the livestock auction unless the Barn Superintendent and 4-H Extension Educator approve a written request for a substitute 4-H showman. Requests will only be granted for medical emergencies or desperate circumstances deemed unavoidable by the respective Barn Superintendent and 4-H Extension Educator. Failure to be excused from a job or another activity will not result in a substitute showman being approved. Animals shown as breeding stock CANNOT be sold through the Auction. Animals will sell only at the weight as noted at fair weigh-in. Members may sell other animals at the base bid of the packer (Pool), or they may take them home. All 4-H members participating in the sale will have a fee deducted from each sale to help defray auction expenses. Auction and Pool animals MUST be turned in by deadline in the fair schedule. When displaying their animal during the auction, 4-H members are expected to dress appropriately. This included wearing full length pants and shoes or boots that cover and protect the entire foot.

**Benton County Fair Ground Map Where Livestock Are Permitted** (Look at last page of this Handbook)

**Animal Education**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

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

**State Fair Entries:**

1 Beef entry per county.

3 Cat entries per county; one per level.

1 Dairy Cattle entry per county.

3 Dog entries per county; one per level.

1 Goat entry per county.

1 Horse entry per county.

3 Poultry entries per county; one per level.

3 Rabbit entries per county; one per level.

1 Sheep entry per county.

1 Swine entry per county.

All other species are judged as county only projects.

**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 enrolled in animal education.

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Create an educational poster, notebook, or display about any manual activity or on any specie related topic or 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 or 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 in not required.

**Beef**

**Resource Manual:**

**Beef Resource Handbook**

A resource handbook is available for each family during their tenure in the Benton County 4-H program through the Extension Office.

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf)

**Required Beef ID:**

Beef and Dairy Beef Steers 840-RFID tag **and** 5-digit county tag

Commercial and Market Heifers and Dairy Feeders 840-RFID tag **and** 5-digit county tag

Registered Heifers 840-RFID tag **and** tattoo

**\***DNA hair sample if going to State Fair is needed for all Beef categories.

**Exhibit Guidelines:**

Do one or more of the following:

1. Participate in the 4-H Beef Show
2. Complete an Animal Education Poster for your species. Posters will be entered and judged with the building projects during project Check-In, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration.

**Beef Project Guidelines**

1. Animals **must** be owned by a 4-H exhibitor, in the exhibitor’s possession and enrolled online at Indiana 4-H Online by the applicable deadline which is May 15th. Steers and commercial heifers are taken to the fairgrounds for weigh-in & tagging in April. Please read the monthly newsletter for specific time and date.
2. All cows enrolled as beef steer, or commercial, or market heifers MUST have 840-RFID tag and 5-digit county tag inserted a the weigh-in tagging event.
3. Stalls will be assigned and determined by the superintendent.
4. 4-Hers may receive assistance in the grooming and fitting of animals.
5. Breed classes will coincide with breeds recognized by the Indiana State Fair.
6. Exhibitors of purebred heifers and steers must have registration papers in hand at time of entry at the fair. Breed classification will be determined by registration papers of each individual animal.
7. Crossbred heifers and heifers without registration papers will be exhibited in the commercial heifer class. Crossbred steers and steers without registration papers will be exhibited in the crossbred steer class.
8. Any questioning of breeding or identification must be done upon the time of animal’s entry to fairgrounds or before entry deadline. Livestock of questionable breeding will be reviewed by the Beef Superintendent.
9. For upkeep of the barn, and to create a habitable environment, families participating in the beef project may be asked to pay a mulch expense to supply bedding for the beef barn.
10. For all other rules see General Animal Terms & Conditions.

**Beef Classes** \*Subject to change based on enrollment\*

Heifer Classes:

1. Commercial heifers will show by weight.
2. Purebred heifers with registration papers will have a breed class and will be appropriately identified according to the Indiana State Fair guidelines. Others will be exhibited as Commercial.
   1. Junior heifer calves born January 1 to March 31, of current year.
   2. Winter heifer calves born November 1 to December 31, of previous year.
   3. Senior heifer calves born September 1 to October 31, of previous year.
   4. Late summer yearling heifers born July 1 to August 31, of previous year.
   5. Early summer yearling heifers born May 1 to June 30, of previous year.
   6. Spring yearling heifers born March 1 to April 30, of previous year.
   7. Junior yearling heifers born January 1 to February 28, of previous year.
   8. Senior yearling heifers born September 1 to December 31, the year before last.

**Cow-Calf Class:**

A member may show one cow-calf pair per member. Cow is to have been shown at a previous Benton County Fair by the 4-Her or a family member and will not be considered for Grand Champion Female. After showing as a pair, the calf can be shown individually. Both are to be shown broke.

**Steer Classes:**

1. Steers will show by breed and weight
2. NOTE: ALL STEERS MUST BE BORN AFTER JANUARY 1ST OF THE PRIOR YEAR.

**Rate of Gain**

This award will be presented to the exhibitor of the animal that gains the most weight between the April weigh-in and the weigh-in at the Benton County Fair. To be eligible, the animal’s weight taken at the April weigh-in must be entered online at [Indiana 4-H Online](https://co.4honline.com/" \l "/user/sign-in) by the applicable deadline which is May 15th.

**Cat**

**Record Sheet:**

[**Benton County 4-H Cat Project Record CO-254a**](https://extension.purdue.edu/county/benton/_docs/cat-record-sheet-co-254a.pdf)

[**Certificate of Vaccination: 4-H 777-W**](https://extension.purdue.edu/4-H/_docs/projects/cat/cat-vaccination-form.pdf)

The Cat Record Sheet (CO-254a), signed by your 4-H leader, and Certificate of Vaccination (4-H 777-W),

Signed by your veterinarian, must be checked at the time of Cat Show registration.

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participate in the 4-H Cat Show
2. Complete an Animal Educational Poster for your species. Posters will be entered and judged with the building projects during project Check-In, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration.

**Cat Project Guidelines**

1. If participating in the cat show, a member may show only his or her own cat or the family cat.
2. To be eligible, the cat must be in the member’s possession by May 15. An enrollment form, photo of the cat, and a certificate of vaccination needs to be completed and turned in to the Extension Office by May 15. The 4-H member must be signed up for the cat project in 4HOnline (hhpts://v2.4honline.com) by May 15.
3. All cats must be entered into FairEntry (<https://fairentry.com>). This deadline will be determined annually (exact deadline still to be determined).
4. The cat must be fed and cared for by the 4-H member daily.
5. Members may exhibit two entries.
6. The cat may be either a purebred or mixed.
7. Cats that are pregnant or have a litter will not be permitted to show.
8. Exhibitors may still complete the project by having their 4-H leader verify the cat’s physical condition, and by bringing the completed record sheet to the 4-H Cat Show.
9. Cats must have a completed certificate of vaccination.
10. Cats are brought to the fair on the day of judging, exhibited, and are taken home the same day.
11. Cats must be collared or harnessed and on a leash for the show.
12. Cats should be brought to and taken from the show in carriers.
13. Cats must be free of fleas, fungus, ear mites, or other communicable diseases.
14. Exhibitors must have water available for their cats during the show.
15. The same cat may be exhibited for more than one year.
16. Judging will be on the following criteria: health, cleanliness, grooming, personality, “star” quality (if all other categories are equal).

**Dairy**

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf) **Sheet**

**Required Beef ID:**

Beef and Dairy Beef Steers 840-RFID tag **and** 5-digit county tag

Commercial and Market Heifers and Dairy Feeders 840-RFID tag **and** 5-digit county tag

Dairy Cattle 840-RFID tag **and** animal’s registered name and registration number (or dam’s registration number)

\*DNA hair sample if going to state fair is needed for all Dairy categories.

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participate in the 4-H Dairy Show
2. Complete an Animal Educational Poster for your species. Posters will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Dairy Project Guidelines:**

1. Animals **must be** enrolled online on 4HOnline (<https://v2.4honline.com>) by **May 15th**. All dairy cattle **MUST** be taken to the fairgrounds for weigh-in and tagging. Please read the monthly newsletter for specific time and date.
2. Animals must be owned by the 4-H exhibitor or in a 4-H partnership, but registration must be in the exhibitor’s name and in the exhibitor’s possession by **May 15th**.
3. It is recommended that 4-H Dairy Exhibitors wear a white shirt or blouse in the show ring. 4-H emblems and/or breed insignia are permissible.
4. Dairy animals can be registered with a breed association or grade; but crossbreds are **NOT** allowed.
5. Livestock leasing is allowed in the Diary project. However, in accordance with the Indiana State Fair rules.
6. For all other rules see General Animal Terms & Conditions.

**Dairy Classes** \*Subject to change based on enrollment\*

Dairy classes will be available for six breeds of Dairy cattle. (Aryshire, Brown Swiss, Guernsey, Jersey, Holstein, Milking Shorthorn & Any grade (unregistered diary heifers).

1. Spring heifer calf - born 3/1 to 5/15, current year
2. Winter heifer calf - born 12/1 to 2/28, current year
3. Fall heifer calf - born 9/1 to 11/30, last year
4. Summer yearling heifer - born 6/1 to 8/31, last year
5. Spring yearling heifer - born 3/1 to 5/30, last year
6. Winter junior heifer - born 12/1 to 2/28, of the year before last
7. Yearling heifer in milk - born 9/1 to 11/30, of the year before last
8. Junior 2-year-old cow – born 3/1 to 8/31, of the year before last
9. Senior 2-year-old cow – born 9/1 to 2/29, 2 years before last
10. Junior 3-year-old cow – born 3/1 to 8/31, 2 years before last
11. Senior 3-year-old cow – born 9/1 to 2/28, 3 years before last
12. 4-year-old cow – born 9/1 to 8/31, 4 years before last
13. 5-year-old cow – born 9/1 to 8/31, 5 years before last
14. Aged cow six years and older

**Dairy Steers –** Note: The Dairy Calf and Dairy Steer project is the raising of a dairy steer for meat purposes. The steer must be 100% dairy breed (Holstein, Brown Swiss, Guernsey, Jersey, Ayrshire, or any cross of the above breeds).

1. All dairy calves must be castrated and animals over 300 lbs. must be dehorned.
2. Calf must be washed and groomed. Clipping is optional.
3. Feeder Steers must weigh from 300-700 lbs.
4. Market Steers 701 lbs. or over

**Dog**

**Record Sheet:**

[**Dog Record 4-H 390**](https://extension.purdue.edu/4-H/_docs/projects/dog/4-h-390-w.pdf)

[**Certificate of Vaccination: 4-H 671-W**](https://extension.purdue.edu/4-H/_docs/projects/dog/dog-vaccination-form.pdf)

*The Dog Record sheet, signed by your leader, must be checked at the time of Dog Show registration. Vaccination Certification will be checked at first training session and must be brought the day of the show.*

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participate in the 4-H Dog Show
2. Complete an Animal Educational Poster for your species. Posters will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Dog Project Guidelines:**

1. Dogs may be purebred or mixed breeds.
2. A dog being shown in dog obedience must be fed, trained, and cared for by the 4-H member.
3. Dogs must be at least 6 months old on day of show.
4. All dogs must have the required vaccinations and procedures listed on the Certificate of Vaccination for the 4-H Dog Project (4-H 671). This form, signed by your veterinarian, must be presented at the first training class.
5. Each trainer is to keep a complete record of his dog, including feeding costs, health car costs, training record and time spent grooming.
6. All dogs must be kept on leash while on the Fairgrounds, unless required to be off leash during the Dog Obedience Show.
7. A dog shown in Showmanship must have also been shown in an obedience class and must be shown by the same exhibitor.
8. Only dogs exhibited are allowed at the Benton County Fair 4-H Dog show. Do not bring extra dogs.
9. Dogs are not to be left unattended in vehicles at the Benton County Fair.
10. Prong collars or electronic collars of any kind are prohibited.
11. All judging classes and judging exercises will comply with State Fair rules.
12. Any questions or situations not covered in this handbook will be ruled Upon by the Project Advisor(s).

**Training Program:**

1. All members should attend 2/3 of all training classes. More than two meetings **missed in succession** should be made up with the assistance of one of the leaders.
2. Members must equip their dogs with the following:
   1. A 6-foot leash made of “quiet” construction, meaning it does not make noise when being used. A leash could be made of nylon or leather, for example. The fastener should be made of metal, so it does not break.
   2. A choker chain properly fitted to your dog. Long-haired dogs will do better with a larger chain link size, while short-haired dogs can have a smaller chain link size. The length of the chain you need depends on the size of your dog.
   3. Each member should train his dog for 30 minutes each day. This may be broken into two 15-minute periods.

**Judging Classes:**

**Class 1A** – For 4-Hers with no previous formal dog training experiences with a dog which has received no obedience training prior to October 1.

**Class 1B** – For 4-Hers with previous dog training experience with a new, untrained dog; or for 4-Hers and dogs with previous training experience, including showing in 1A, or for 4-Hers with no experience whose dogs have had training which disqualifies them for 1A. *Also, can be used for 4-Hers and dogs that have spent a year in section 1A but are not ready for second year work; however, they would not be eligible for State Fair entry in 1B.*

**Class 2A –** For 4-Hers and dogs which have completed 1A or 1B.

**Class 2B –** For 4-Hers and dogs which have competed 2A. May repeat until ready for 3A.

**Class 3A –** For 4-Hers and dogs which have mastered class 2 work.

**Class 3B –** For 4-Hers and dogs which have been in 3A but are not ready for Class 4 work. (may repeat)

**Class 4A –** For 4-Hers and dogs which have mastered Class 3 work.

**Class 4B –** For 4-Hers and dogs which have been in 4A but are not ready for Class 5 work. (may repeat)

**Class 5A –** For 4-Hers and dogs which have mastered Class 4 work.

**Class 5B –** For 4-Hers and dogs which have been in 5A but are not ready for Class 6 work. (may repeat)

**Class 6A –** For 4-Hers and dogs which have mastered Class 5 work.

**Class 6B –** For 4-Hers and dogs which have been in 6A. (may repeat)

**Veterans**

**Indiana 4-H Aggressive Dog Policy**

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

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

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

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

Dogs that are removed from a 4-H Dog Event twice will be immediately excused from the 4-H program and will not be allowed to re-enter. Excusing a dog from the 4-H Program is rare but could be necessary for the safety of 4-H members, volunteers, and other participating dogs. Should a dog be excused from the program, it must be remembered that the action is against the dog and not the 4-H member. 4-H Dog Personnel should look at many solutions and encourage the 4-H member to attend classes without their dog while training it at home or potentially bringing another dog to 4-H events, 4-H members will always be welcome in every other part of the dog project.

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

**Goat**

**Resource Manual:**

**Goat Resource Handbook, 4-H 135R**

A resource handbook is available for each family during their tenure in the Benton County 4-H program through the Extension Office.

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf) **Sheet**

**Required Goat ID:**

**Meat Goats**

Wethers 840-RFID tag and 5-digit county tag

Boer Goat Females, Registered Breed Registry Tattoo

Market Goat Does 840-RFID tag and 5-digit county tag

(Wether Dams)

\*DNA hair sample if going to State Fair for all Meat Goat categories.

**Dairy Goats**

Females, Registered Breed Registry Tattoo

Wethers 5-digit county tag or Tattoo

**Pygmy Goats**

Registered Breed Registry Tattoo

Unregistered Official USDA Scrapie Tag or Official Scrapie Tattoo

**Exhibit Guidelines:**

Exhibiting may be completed by one or more for the following:

1. Participate in the Goat Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Goat Project Guidelines:**

1. Animals **must** be enrolled on 4HOnline (<https://v2.4honline.com>) by **May 15th.**  Goats need to be taken to the fairgrounds for weigh-in and tagging in May. Please read the monthly newsletter for specific time and date.
   1. Wethers and commercial does must be presented at Goat ID and Weigh-in day. Registered does do not need to be present at the Weigh-in day but need to be entered into 4HOnline by **May 15th**.
   2. Goats of all breeds are allowed to have horns but if you are going to the Indiana State Fair you must follow the State Fair rules.
   3. Bucks must be castrated by weigh-in
2. 4-H Goats must be owned and under the care of the 4-H exhibitor, and exhibitor must complete the Indiana 4-H Goat Enrollment online at <https://v2.4honline.com> no later than **May 15th**.
3. 4-H members NOT enrolling animals online by the **May 15th** deadline, will be ineligible to show.
4. All goats must be entered in to FairEntry (<https://fairentry.com>). This deadline will be determined annually.
5. Muzzles may not be used.
6. There will be no classes for bucks of any age.
7. Meat goat wethers and meat goat wether dams must be shown slick shorn at a uniform length (1/8 inch or less) between hock/knee and ears.
8. All wethers and wether dams must be shown with milk teeth in place.
9. All goats will be inspected at the fair and must not exhibit any signs of communicable diseases.
10. All goats enrolled as meat-type or commercial goats **MUST** have an ear/tail tattoo or a 5-digit county ear tag inserted at the weigh-in tagging event (early May). To be eligible to exhibit at the Indiana State Fair, meat type and market goats must be tagged with a Shearwell RFID tag at the May weight-in/tagging event.
11. To be eligible to exhibit at the Indiana State Fair, all meat goats, including registered Boer goat females, need to have a DNA hair sample on file at the county extension office by May 15th.
12. For all other rules see General Animal Terms & Conditions.

**Goat Classes** \*Subject to change based on enrollment\*

**Including Full Blood, Percentage, and Commercial**

**Dairy Doe**

1. Junior Doe – Born on or after April 1st of the current year
2. Senior Doe – Born before April 1st of the current year
3. Champion and Reserve Champion Dry Doe
4. Champion and Reserve Champion Milking Doe
5. Grand Champion and Reserve Grand Champion Dairy Goat Doe

**Dairy Goat Wethers**

1. To be divided by weight for classes
2. Grand Champion and Reserve Grand Champion Dairy Wether

**Meat Goat Does**

1. Doe – 0 to less than 3 months
2. Doe – 3 months to less than 6 months
3. Doe – 6 months to less than 9 months
4. Doe – 9 months to less than 12 months
5. Champion and Reserve Champion Junior Doe
6. Doe – 12 months to less than 16 months
7. Doe – 16 months to less than 20 months
8. Doe – 20 months to less than 24 months
9. Champion and Reserve Champion Yearling Doe
10. Doe – 24 months to 30 months
11. Doe – 30 months to 33 months
12. Doe – 33 months to 36 months
13. Doe – 36 months and over
14. Champion and Reserve Champion Senior Doe
15. Grand Champion and Reserve Grand Champion Doe

**Meat Goat Wethers**

1. To be divided by weight for classes
2. Grand Champion and Reserve Grand Champion Meat Wether

**Pygmy Does**

1. Junior Does – less than 12 months
2. Senior Does – over one year of age
3. Grand Champion and Reserve Grand Champion Pygmy Goat Doe

**Pygmy Goat Wethers**

1. Junior Wethers – less than 12 months
2. Senior Wethers – over one year of age
3. Grand Champion and Reserve Grand Champion Pygmy Wether

**Rate of Gain**

This award will be presented to the exhibitor of the market goat that gains the most weight between the May weigh-in and the weigh-in at the Benton County Fair. To be eligible, the animal’s weight taken at the May weigh-in must be entered online at <https://v2.4honline.com> by May 15th.

**Horse and Pony**

**Resource Manual:**

**2024 Indiana 4-H Horse and Pony Handbook**

**Record Sheets:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf)

[**Horse and Pony Vaccination Form 4-H-1031-W**](https://extension.purdue.edu/4-H/_docs/projects/horse/horse-vaccination-form.pdf)

[**Animal Lease Agreement 4-H-69-W**](https://extension.purdue.edu/4-H/_docs/projects/animal-lease-agreement.pdf)– required if leasing a horse, pony, mule, or donkey

**Required Horse and Pony ID:**

Horse and Pony Two-Color Pictures (all feet and face)

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participation in the 4-H Horse and Pony Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Horse and Pony Project Guidelines:**

Note: Completed Benton County Livestock Record Sheet **MUST** be turned into the Horse and Pony Superintendent prior to show.

1. There will be absolutely no riding outside of designated areas.
2. Any animal exhibited must be leased or owned by the contestant showing the animal or in partnership with the contestant’s father, mother, sister, brother, grandparents, or guardian.
3. The current Indiana 4-H Horse and Pony Handbook (REV 2024) guidelines will be observed.
4. [**Horse and Pony Vaccination Form**](https://extension.purdue.edu/4-H/_docs/projects/horse/horse-vaccination-form.pdf) should be completed, signed by a licensed veterinarian. The 4-H member should hand-carry this completed form to all 4-H Horse and Pony events. Failure to meet guidelines on this form, an incomplete form, or outdated vaccinations will result in ineligibility from Indiana 4-H Horse & Pony Events.
5. Boby Condition Score (BCS): All Horse and Pony animals participating in 4-H events must exhibit a minimum BCS of 3 (1-9 scale). To bring this to the attention of 4-H members, they will be asked for the current BCS of the horse at the time of 4-H animal enrollment and on the 4-H Horse and Pony Vaccination Form. This will provide an opportunity to bring this to their attention and to supply educational material on how to calculate BCS and why it is important. This also allows time to correct any low or high BCS problems prior to exhibition.
6. Animal(s) must be owned or leased by the 4-H member by May 15 and record started. Each Horse and Pony member must enroll their animals online at <https://v2.4honline.com> by May 15. A current color photograph of each animal, showing its face and all four legs, must be uploaded to the online enrollment website. No animal may be substituted or traded for the original animal after May 15.
7. Each 4-H Horse and Pony may be entered and shown in the Benton County Fair by only one 4-H member. A horse or pony enrolled online by May 15 is eligible to be transferred to another sibling if that sibling is also enrolled in the Horse and Pony project. The decision as to which family member will exhibit the animal must be made by the FairEntry deadline, about 10 days before the start of the Benton County Fair.
8. The Horse and Pony Superintendent reserves the right to measure and verify the I.D. of any horse or pony entered in the Horse and Pony Show at the Benton County Fair. Only one measurement will then be made, and that measurement will supersede previous measurements.
9. Only 4-H Horse and Pony members may exercise, lunge, ride, drive, or school 4-H animals on the fairgrounds.
10. All 4-H members are required to wear boots and a properly fitted ASTM or SEI standard F1163 (or above) certified helmet whenever mounted, or driving at a 4-H Horse and Pony event, show, or activity. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness fastened in place whenever mounted. Original tags must be present in all approved helmets. Adults riding horses are also at risk of head injury; therefore, adults are also strongly encouraged to wear properly fitted, certified helmets when they are riding at any 4-H sponsored activity/event so that they will serve as role models of safe behavior, as well as protect themselves.
11. No pedestrians will be allowed in the outdoor arena during horse and pony warm-up or practice times.
12. **All animals must be on the fairgrounds at the designed time of Livestock Arrival and stay on the fairgrounds until Livestock Release.**
13. All classification of horses will be shown together. No distinction will be given for registered versus grade horses or gaited versus non-gaited horses.
14. For all other rules see General Animal Terms & Conditions.

**Showmanship**

1. Showmanship participants must show their own horses.
2. Divisions for showmanship are:
   1. Juniors – Grades 3-5
   2. Intermediate – Grades 6-8
   3. Seniors – Grades 9-12
3. 4-H members may compete in both English and Western Showmanship. Previous Supreme Showmanship winners are not eligible to compete.
4. Winners from each showmanship division and all previous senior showmanship winners will compete for Grand Champion Showman and the honor of competing in the Supreme Showmanship Contest.

**Poultry (Chickens, Turkeys, and Waterfowl)**

**Resource Manual:**

**The American Standard of Perfection**

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf)

[**Benton County 4-H Poultry Exhibitor Form**](https://extension.purdue.edu/county/benton/_docs/entry-form.pdf) **– due June 15th to the Extension office.**

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participation in the 4-H Poultry Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Poultry Project Guidelines:**

1. All Poultry must comply with State Board of Health Requirements. All chickens or turkeys must have: Originated **directly** from a National Poultry Improvement Plan (NPIP) Pullorum-Typhoid (PT) certified clean flock **within one year OR** had a negative PT test **within ninety (90) days prior to exhibition. Contact the 4-H Extension Educator for questions about PT testing.**
2. Birds must be owned by the 4-H member and enrolled in the poultry project on 4HOnline (<https://v2.4honline.com>) by **May 15th.** Exceptions to this rule will be allowed for broilers and roasters.
3. To be eligible for exhibit, all poultry must be entered into FairEntry (<https://fairentry.com>). This deadline will be determined annually.
4. For competitive purposes, it is recommended that poultry be shown at maturity age.
5. Check-in will be at the same time as all other livestock.
6. Any bird showing signs of diseases or infestations will be removed from the fairgrounds immediately and will not be shown.
7. Each exhibitor must feed and water their poultry and keep the area clean. Exhibitor must provide own feed.
8. All entries must be varieties recognized by the “American Standard of Perfection” or “Bantam Standard”. Crossbreds or hybrids will only be allowed in meat and egg production class.
9. For all other rules see General Livestock Terms & Conditions.

**Poultry Classes** \*Subject to change based on enrollment\*

**Commercial Poultry Production Classes:**

1. Egg Production: An exhibitor may exhibit two female birds of the same breeding for each class.
   1. Pullets – two female birds of the same breeding hatched less than 1 year of age day of show
      1. Brown Egg Shell
      2. White Egg Shell
      3. All Other Egg Shell
   2. Hens – two female birds of the same breeding in laying condition one or years of age.
      1. Brown Egg Shell
      2. White Egg Shell
      3. All Other Shell
2. Meat Production: An exhibitor may exhibit one entry for each class.
   1. Broilers – two birds of the same sex and meat type breeding not over 9 weeks of age and between 3.5 – 6 pounds.
   2. Roasters – two birds of the same sex and meat type breeding not over 1- weeks of age and between 6 – 8 pounds.
   3. Dual Purpose Breed – two cockerels of dual-purpose breeding hatched between October 1st f the previous year and May 1st of the current year.
   4. Ducks – two birds of the same sex and breeding hatches between October 1st of the previous year and May 1st of the current year. Ducks in this category should be in the heavy weight class.
   5. Turkey – one bird hatched between October 1st of the previous year and May 1st of the current year.

**Exhibition Poultry Classes:** \*All exhibits must be pure bred and recognized in the American Standard of Perfection\*

* + - 1. Chicken and Turkey Breeds may be further classified into sub-classified established and recognized by the American Standard of Perfection depending on enrollment numbers.
      2. Ducks and Geese entry must represent one of the weight classes established and recognized by the American Standard of Perfection.
      3. Within each breed, exhibits will be categorized as:
         1. Chickens

Cockerel – a male bird less than 12 months of age

Cock – a male bird 12 months of age or greater

Pullet – a female bird less than 112 months of age

Hen – a female bird 12 months of age or greater

* + - * 1. Ducks

1. Young Drake – a male bird less than 12 months of age
2. Old Gander – a male bird 12 months of age or greater
3. Young Hen – a female bird less than 12 months of age
4. Old Hen – a female bird 12 months of age or greater
   * + - 1. Geese
5. Young Gander – a male bird less than 12 months of age
6. Old Gander – a male bird 12 months of age or greater
7. Young Goose – a female bird less than 12 months of age
8. Old Goose – a female bird 12 months of age or greater
9. Turkeys

Young Tom – a male bird less than 12 months of age

Old Tom – a male bird 12 months of age or greater

Young Hen – a female bird less than 12 months of age

Old Hen – a female bird 12 months of age or greater

**Breeding Pair Classes:**

1. Breeds are to be recognized by the American Standard of Perfection.

2. An exhibit consists of two birds of the same breed but opposite sex.

3. Also exhibits cannot be exhibited in Exhibition classes.

4. 4-Hers will not be limited to the number of breeding pairs they may exhibit. Breeding pairs will be exhibited in the following categories:

a. Standard Breed Chicken

b. Bantam Breed Chicken

c. Ducks

**Egg Class:**

1. An exhibitor may exhibit 6 eggs per class.
   1. Brown
   2. White
   3. All Other

**Poultry Showmanship:**

1. Exhibitors will be split into 3 categories by grade
   1. Junior (Grades 3-5)
   2. Intermediate (Grades 6-8)
   3. Senior (Grades 9-12)
2. If a 4-H member has previously won a specific showmanship category, the member may not compete in that category again. The 4-H member may advance to the next category of competition upward (e.g., champion junior showman may advance to intermediate showmanship competition the following year regardless of age).
3. Once a 4-H member has won Grand Champion Poultry showman, he/she is required to not compete in showmanship for one year. Following on year the exhibitor is eligible to compete for the Grand Champion Poultry showman again.

**Rabbit**

**Resource Manual:**

**The ARBA 2021-2025 Standard of Perfection**

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf)

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participate in the 4-H Rabbit Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Rabbit Project Guidelines:**

1. All 4-H exhibitors will bring their rabbits to the show table when their class is called. They will stay and watch the rabbit being judged, then return it to the cage. If a rabbit is not on the table when the class is judged, the rabbit will not be judged. Parents or other non-4-H members are not permitted to carry rabbits to and from the show table.
2. Any rabbit not in good health will be removed from the fairgrounds immediately and will not be shown.
3. Rabbits or parent rabbits must be owned by the 4-H member and enrolled in the rabbit project on 4HOnline (<https://v2.4honline.com>) by **May 15th**.
4. Rabbits must have a permanent, legible identification marking or tattoo in the left ear before being admitted to the barn at check-in.
5. To be eligible for exhibit, all rabbits must be entered into FairEntry (<https://fairentry.com>). This deadline will be determined annually.
6. Pens will be assigned to entries by the Rabbit Superintendent. The 4-H member is responsible to house their animals and keeping them fed and watered. If an animal is not being properly cared for, the exhibitor may be asked to removed it from the barn.
7. Check-in will be at the same time as all other livestock.
8. One entry is constituted as any of the following: one senior buck, one senior doe, one 6/8 buck, one 6/8 doe, one junior buck, or one junior doe. Each entry must be show in a breed class.
9. More than one entry per breed class will be allowed.
10. All rabbits will be shown by classes and weights, all rabbits over or under weight for the class that they are entered in will be given white ribbons and cannot show for Best of Breed or best Opposite Sex. (There will be a ½ pound variance allowed over or under the weight limits in the scales at the exhibit.)
11. Classes will be provided for all breeds according to the ARBA Standard of Perfection.
12. Rabbits will be shown by breed marking at determined at the Fair.
13. There will be a Best of Breed (Champion) and Best Opposite Sex (Reserve Champion) in each breed if these animals meet the ARBA Standard of Perfection for that breed. If the only available exhibited rabbit in a breed do not meet the standard, there will be no champion or reserve champion for that breed. All judging will be based on the judge’s interpretation.
14. The exhibitor may show one entry in each meat class if they have a qualifying entry. Each entry must also be shown in a breed class.
15. Meat classes will be single fryer (ten weeks or younger and five pounds or under), roaster (under six months and over five up to eight pounds), and stewer (over six months and/or over eight pounds).
16. Meat Pen is not considered a breed class.
17. A Meat Pen is comprised of three rabbits of the same breed and same variety weighing up to five pounds each and not over ten weeks of age. The Meat Pen must have been kindled and raised by the exhibitor. (Litter will not be shown with doe.) The meat pen is not to be purchased outright.
18. The exhibitor may show one entry in each fur class if they have a qualifying entry. Each entry must also be shown in a breed class.
19. Fur classes will be white and colored in each of the following: commercial normal fly back, normal roll back, normal all others, rex, mini-rex, satin, or wool.
20. Rabbits going through the auction must be shown in a Meat Class besides the regular breed class (This includes single fryers, roasters, and stewers).
21. For all other rules see General Animal Terms & Conditions.

**Rabbit Showmanship**

1. Exhibitors will be split into 3 categories by grades.
2. Junior (Grades 3-5)
3. Intermediate (Grades 6-8)
4. Senior (Grades 9-12)
5. If a 4-H member has previously won a specific showmanship category, the member may not compete in that category again. The 4-H member may advance to the next category of competition upward (e.g., champion junior showman may advance to intermediate showmanship competition the following

year regardless of age).

1. Once a 4-H member has won Grand Champion Rabbit showman, the 4-H member is required to not compete in showmanship for one year. Following one year the exhibitor is eligible to compete for the Grand Champion Rabbit showman again.

**Sheep**

**Resource Manual:**

**Sheep Resource Handbook for Market and Breeding Projects**

A resource handbook is available for each family during their tenure in the Benton County 4-H program through the Extension Office.

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf) **Sheet**

**Required Sheep ID:**

Market Lambs 840-RFID tag **and** 5-digit county tag

Commercial Ewes 840-RFID tag **and** 5-digit county tag/or official scrapies tag

Registered Ewes 840-RFID tag **and** ID that matches registration papers

\*DNA hair sample if going to State Fair is needed for all Sheep categories.

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participate in the Sheep Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Sheep Project Guidelines:**

1. A 4-H exhibitor may enroll and identify a maximum of ten market lambs, ten yearling ewes, and ten ewe lambs.
2. All 4-H sheep must be owned by the 4-H exhibitor, in the exhibitor’s possession and enrolled on 4HOnline (<https://v2.4honline.com>) by **May 15th**.
3. Market lambs and commercial ewes must be taken to the fairgrounds for weigh-in & tagging in May. Please read the monthly newsletter for specific time and date. Registered ewes do not need to be present at the weigh-in day but needs to be entered into 4HOnline by **May 15th.**
4. All sheep enrolled as market lambs or commercial ewes MUST have an ear/tail tattoo or a 5-digit county ear inserted at the weigh-in tagging event.
5. To be eligible for exhibit, all sheep must be entered into FairEntry (<https://fairentry.com>). This deadline will be determined annually.
6. The 4-H member must declare the breed of each animal during ID and Weigh-in Day. All sheep shown in purebred breeding must be registered in the breed’s registry in the name of the 4-Her and the registered breeding stock papers are to be presented to the barn superintendent before the weigh-in during the county fair. Purebred market lambs need not be registered but must meet breed standards. Market lambs enrolled as purebred may be changed to commercial lambs at the show, but lambs entered as commercial lambs cannot be shown as purebred lambs at the show.
7. The direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of any sheep is strictly prohibited. This practice will result in immediate disqualification of the exhibitor and their animals.
8. Muzzles must not be used.
9. All sheep will be inspected at the fair and must not exhibit any signs of communicable diseases.
10. For all other rules see General Animal Terms & Conditions.

**Sheep Classes**

**Market Lamb Classes**

1. Ewe lambs and wethers may be shown as market animals.
2. Ewe lambs shown in market classes may not be shown as breeding ewes.
3. Market lamb classes will be determined by breed and weight after weigh-in at fair.
4. All market lambs will be identified with a 5-digit county tag. Commercial ewes will be identified with a 5-digit county tag/or official scrapies tag.
5. All market lambs must be less than one year of age and still have their lamb’s teeth intact.

**Breeding Lamb Classes**

1. Non-registered animals must show as commercial sheep.
2. All commercial sheep must be slick shorn. Registered sheep must be fitted according to their breed standards.
3. Classes for commercial sheep will be: Yearling Ewes – over one year of age, but less than two years of age; Ewe lambs divided by weight.
4. Classes for registered sheep will be: Yearling Ewes – over one year of age, but less than two years of age; Fall Ewe lambs – born September 1 – December 31 of prior year; Spring Ewe lambs divided by age if appropriate.

**Rate of Gain**

This award will be presented to the exhibitor of the market lamb that gains the most weight between the May weigh-in and the weigh-in at the Benton County Fair. To be eligible, the animal’s weight taken at the May weigh-in must be entered in 4HOnline at <https://v2.4honline.com> by May 15th.

**Swine  
  
Resource Manual:**

**Swine Resource Handbook**

A resource handbook is available for each family during their tenure in the Benton County 4-H program through the Extension Office

**Record Sheet:**

[**Benton County Animal Record**](https://extension.purdue.edu/county/benton/_docs/livestock-record-sheet.pdf)

**Required Swine ID:**

Gilts and Barrows 840-RFID tag **and** Ear Notch (matching registration papers)

**\***DNA hair sample if going to State Fair is needed for all Swine categories.

**Exhibit Guidelines:**

Exhibiting may be completed by one or more of the following:

1. Participation in the 4-H Swine Show
2. Complete the Animal Educational Poster for your species. Poster will be entered and judged with the building projects during project check-in, not on the day of the show. (Refer to: Animal Education)
3. Do an Interactive Demonstration

**Swine Project Guidelines:**

1. All 4-H swine must be owned and under the care of the 4-H member and enrolled on 4HOnline at <https://v.2.4honline.com> by May 15th.
2. All purebred gilts and barrows **must** have papers of registration to be exhibited as purebreds at Benton County Fair. No applications for registration will be accepted. All purebred gilts and barrows must be registered in the 4-H member’s name by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in.
3. ALL 4-H swine must be identified by a standard ear notch which included the pig’s right ear (litter number) and pig’s left ear (individual piglet number). 4-H members are strongly encouraged to upload photographs of the notches in both ears for every swine enrolled in 4-HOnline at <https://v2.4honline.com>.
4. 4-H pigs are to farrow after December 1 of the previous year.
5. All pigs must be weighed at Swine Weigh-In at the Benton County Fair during the Swine weigh-in set by the fair schedule.
6. Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animals that are slick clipped or body shaved will not be allowed to exhibit. A minimum of one-half inch of hair on the body of the hog is preferred by packers that purchase and process these animals. Hogs having less than one-half inch of hair on their body may be condemned by the processor. 4-H members will not receive carcass payment for animals that are condemned. The packing facility that our 4-H pigs are sent to uses a “picker” hair removal method. With this method, it is almost impossible to remove hair from shaved carcasses.
7. No feeding of animals in the wash rack area.
8. No dumping of manure and/or shavings in the wash rack area.
9. For all other rules see General Animal Terms & Conditions.

**Swine Classes**

1. Market barrows, purebred, and crossbred.
2. Purebred barrows must be farrowed on or after December 1st and will show by breed and weight
3. Crossbred barrows will show by weight
4. Breeding gilts, purebred, and crossbred
   1. Purebred gilts will show by breed and age
   2. Crossbred gilts will show by weight

**Veterinary Science**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

Posters are to be 22”x28” and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff.

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

Create an educational poster, notebook, or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate. Youth may also choose to develop a teaching aid, develop a project in conjunction with a veterinarian and present a report about that project and its findings, or another report of your choosing.

**Communication and Expressive Arts**

**Arts and Crafts**

**NOTE: A member may exhibit more than one (1) entries in the below category.**

**Record Sheet:**

[**4-H Craft Record Sheet 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

Youth may exhibit any art or craft that does not meet exhibit requirements in Fine Arts, Needle Craft, Model Craft, or Construction and Architectural Replica. Baskets, Ceramic, Gift Wrapping, Latch Hook, and Leather has now been moved here, so you will enter in Arts and Crafts

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

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12)

Create and exhibit one age/grade appropriate artwork.

**Construction and Architectural Replica**

**NOTE: A member may exhibit two (2) construction and architectural replica entries.**

**Record Sheet:**

[**4-H Craft Record Sheet 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

Exhibits can include farm scenes, town models, building replicas, or similar items and can be constructed from building blocks (Lego), erector sets, or other materials. The product should be constructed to scale as much as possible. Consider adding a clear cover to protect the exhibit while being displayed to the public. The exhibit can be no larger than a standard 8’ long table. A county 4-H program may implement a smaller size limit if available facility space merits. Benton County’s sizes are Beginning and Intermediate will not exceed 3’ x 3’ x 3’ and Advanced will not exceed 4’ x 4’ x 4’.

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. Size will not exceed 3’ x 3’ x 3’.

Intermediate (grades 6-8 suggested)

Create and exhibit one age/grade appropriate artistic scene or replica. Size will not exceed 3’ x 3’ x 3’.

Advanced (grades 9-12)

Create and exhibit one age/grade appropriate artistic scene or replica. Size will not exceed 4’ x 4’ x 4’.

**Fine Arts**

**Record Sheet:**

[**4-H Craft Record Sheet 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. 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 exhibited one age/grade appropriate artwork.

Intermediate (grades 6-8 suggested)

Create and exhibited one age/grade appropriated artwork.

Advanced (grades 9-12 suggested)

Create and exhibited one age/grade appropriated artwork.

**Model Craft**

**Record Sheet:**

[**4-H Craft Record Sheet 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

All arts and craft exhibits must include a 4-H Craft information Card, 4-H 618A. 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 purposed any craft exhibit that resembles a sword, knife, or look-a-life 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.

**Needle Craft**

**Record Sheet:**

[**4-H Craft Record Sheet 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. 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.

**Cake Decorating**

**Record Sheet:**

[**Cake Decorating 4-H 710a-W**](https://extension.purdue.edu/4-H/_docs/projects/cake-decorating/Cake-Decorating-Record-Sheet.pdf)

**Skill Sheets:**

[**Cake Decorating Exhibit Skills Sheet 4-H 710**](https://extension.purdue.edu/4-H/_docs/projects/cake-decorating/Cake-Decorating-Skills-Sheet-3-18-Fillable.pdf)

[**Cake Decorating Skills and Techniques Sheet 4-H 710A**](https://extension.purdue.edu/4-H/_docs/projects/cake-decorating/Indiana-4-H-Cake-Decorating-Skills-Chart.pdf)

**Description:**

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

**State Fair Entries:**

3 entries per county; one per level.

**Exhibit Guidelines:**

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

Skills and techniques demonstrated should be age/grade appropriate. While it is not to say a beginner level member cannot master an advance 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 Skill Sheet (4-H 710) and must accompany the cake for the judge’s reference during judging. Skills sheets are the judging purposed 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 Skill and Techniques, 4-H 710A sheet. Cakes must be on a cake board strong enough to support the cake (approximately 38” 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 that 5” tall, and may be round, square, or rectangular and the cake board is to be no more 12”x12”.

Intermediate (grades 6-8 suggested)

A minimum of five intermediate level skills are to be demonstrated and the cake may include additional skills from the beginner level. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet. Cakes must be on a cake board strong enough to support the cake (approximately 3/8” thick) and 2-4” larger than the cake. For example, if the cake is 9”x13” rectangular, then the cake board must be 11”x15” to 13”x17” rectangular. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the intermediate level are to be a single or double layer, no more than 12” tall and may be any shape. Youth may choose to decorate an inverted (upside down) character pan or create a 3-dimensional cake. It is also permissible to cut-up pieces of Styrofoam, foam, or other solid material to create a new shape, like a butterfly or castle for example. The cake board is to be no more than 24”x24”.

Advanced (grades 9-12 suggested)

A minimum of five advanced level skills are to be demonstrated and the cake may include additional skills from the beginner and intermediate levels. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet. Cakes must be on a cake board strong enough to support the cake (approximately ½” thick) and 4” larger than the base cake. For example, if the cake is 26” in diameter, then the cake board must be 30” in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the advanced level may be multiple layered 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”.

**Communications**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

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

**State Fair Entries:**

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

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

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

Public Speaking – 3 junior and 3 senior per county.

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

**Exhibit Guidelines:**

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

The following apply to all state fair communication events:

Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving their how-to demonstration to the audience from a stage or stage-like setting.

If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard HDMI external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available at state fair.

Live animals are not permitted at state fair.

There is no interaction with the audience.

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

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

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

Refer to the Indiana State Fair 4-H handbook for the date, time, and location of each event. Check with your county extension educator for information about entering these events.

**Demonstration**

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

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

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

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

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

**Informative 4-H Presentation**

This contest allows the 4-H member to present a topic of their choice related to a 4-H event, project, or activity to the audience.

Examples of an informative 4-H presentation include the benefits of attending 4-H Round-Up, State 4-H Junior leader Conference, 4-H Academy, or Citizenship Washington Focus; the impact of a community service project on the 4-H members involved and their community; why a family should enroll their children in 4-H; how 4-H prepares a young person for the workforce or college, etc.

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

Categories will be Junior Individual and Senior Individual.

**Professional Persuasive Presentation**

Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.

Contestants are to submit two (2) sets of accompanying handouts at registration. These handouts will be provided to the judges.

It is suggested that youth practices by presenting their professional presentation to service clubs, 4-H council or fair board, government officials, or other boards.

Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.

Junior members (grades 3-8) will present in 5-7 minutes and senior members (grades 9-12) will present their professional presentation in 5-10 minutes.

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

**Public Speaking**

This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting.

Props, signs, and PowerPoint presentations are not permitted.

The topic can be of the 4-H member’s choice.

Junior members (grades 3-8) have 3-5 minutes to give their speech while senior members (grades 9-12) will give their speech in 5-7 minutes.

Categories will be Junior Individual and Senior Individual.

**Creative Writing**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

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, one-page or 500 words is appropriate for most intermediate members.

Advanced (grades 9-12)

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

**Consumer Clothing**

**Record Sheet:**

[**Consumer Clothing Record Sheet 4-H 751-W**](https://extension.purdue.edu/4-H/_docs/projects/consumer-clothing/4-H-751-W.pdf)

**Manual:**

[4-H-730-W Beginner Level Consumer Clothing](https://app.box.com/s/yd4i2zi9x20hwen1mvdmjb5iipdygnx6?_ga=2.34334952.876323129.1741631305-2040383561.1741630915)

[4-H-731-W Intermediate Level Consumer Clothing](https://app.box.com/s/uw0tz1isuh4j8of99xjft8edvirlckgu?_ga=2.41764075.876323129.1741631305-2040383561.1741630915)

[4-H-732-W Advanced Level Consumer Clothing](https://app.box.com/s/luu68x6ceoldq5p65nu6hsh16s6a1sl1?_ga=2.97314646.876323129.1741631305-2040383561.1741630915)

**Description:**

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

**State Fair Entries:**

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

**Exhibit Guidelines:**

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

The notebook is to include the following items and information:

Outside front cover – 4-H member name, county, club, and level.

Photo of 4-H member wearing their purchased outfit.

Narrative describing decision making process when purchasing this outfit and accessories, and how they complement your existing wardrobe.

One page or section outlining each of the five manual activities completed. Information is to include a description of the activity, skills learned, challenges completing the activity and how you worked to overcome each challenge, problems that occurred and how that problem was solved, how this activity will help you later in life and any other information.

Any additional information or documentation such as place of purchase, other vendors explored, how an adult mentor assisted and any other information. Receipts are not required, but if included be sure personally identifiable information such as mailing address, phone number, etc. are altered and not visible.

The notebook exhibit is not to include prior year(s) information.

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

**Consumer Clothing Fashion Revue**

**Description:**

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

**State Fair Entries:**

3 entries per county, one per level.

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

**Home Environment**

**Record Sheet:**

[**Home Environment Record Sheet 4-H 1011a-w**](https://extension.purdue.edu/4-H/_docs/projects/home-environment/4-H-1011A-W.pdf)

**Description:**

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

**State Fair Entries:**

6 per county; two per level.

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when crating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member’s exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way reference 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, etch. 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 35 similar home accessory items, or similar activity.

Design Board and Notebook – display a floor plan for any room of your house or the whole house or apartment, or similar activity.

Portfolio – display a sample of three different lighting or window treatments with an explanation of each, interview an interior designer and prepare a report, a home energy saving proposal plan, or similar activity.

**Exhibit Categories:**

Furniture Item and Notebook

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

Design Board and Notebook

Standard 22”x28” poster, displayed horizontally with a firm backing. Design boards must be covered with plastic to protect and help hold items in place. An identification name tag must be attached in the lower right corner. The notebook is to help explain the who, what, when, where, why, and how of the chosen design. This can be a “before and after project” or “plan in the future” project.

Portfolio

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

**Photography**

**Record Sheet:**

[**Photography Record Sheet 4-H 621-W**](https://extension.purdue.edu/4-H/_docs/projects/photography/photography-record-sheet-3-21.pdf)

**Description:**

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

**State Fair Entries:**

2 beginner per county

3 intermediate per county

3 advanced per county

**Exhibit Guidelines:**

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

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

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

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

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

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

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

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

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

**Exhibit Class Guidelines:**

Beginner (3-5 suggested)

Choose one or more of the following exhibits:

Black and White Print Board

Color Print Board

Black and White Salon Print

Color Salon Print

Creative/Experimental Salon Print

Intermediate (grades 6-8 suggested)

Choose one or more of the following exhibits:

Black and White Print Board

Color Print Board

Black and White Salon Print

Color Salon Print

Creative/Experimental Salon Print

Advanced (grades 9-12 suggested)

Choose one or more of the following exhibits:

Black and White Print Board

Color Print Board

Black and White Salon Print

Color Salon Print

Creative/Experimental Salon Print

**Sewing & Fashion Revue**

**Record Sheets:**

[**Sew Much Fun – Level A: Grade 3 Record Sheet 4-H-925A-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-925A-W.pdf)

[**Sew Much Fun – Level A: Grade 4 Record Sheet 4-H-925B-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-925B-W.pdf)

[**Sew Much Fun – Level B: Grade 5 Record Sheet 4-H-926A-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-926A-W.pdf)

[**Sew Much Fun – Level B: Grade 6 Record Sheet 4-H-926B-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-926B-W-Grade-6-RecordSheet.pdf)

[**Sew Much Fun – Level C: Grade 7 Record Sheet 4-H-927A-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-927A-W-Grade-7-RecordSheet.pdf)

[**Sew Much Fun – Level C: Grade 8 & 9 Record Sheet 4-H-927B-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-927B-W-Grade-8-9-RecordSheet.pdf)

[**Sew Much Fun – Level D: Grade 10-12 Record Sheet 4-H-928A-W**](https://extension.purdue.edu/4-H/_docs/projects/sewing/4-H-928A-W-Grade-10-12-RecordSheet.pdf)

**Exhibit Cards:**

[**Sewing Skills and Information Exhibit Card 4-H 929-W**](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fextension.purdue.edu%2F4-H%2F_docs%2Fprojects%2Fsewing%2F4-h-929-w-sewing-skills-and-information-exhibit-card.docx&wdOrigin=BROWSELINK)

[**Sewing Skills and Techniques Sheet 4-H-925-SC-W**](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fextension.purdue.edu%2F4-H%2F_docs%2Fprojects%2Fsewing%2Fsewing-skills-and-techniques-exhibit-guidelines.docx&wdOrigin=BROWSELINK)

**Sewing, Non-Wearable**

**Description:**

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

**State Fair Entries:**

10 exhibits per county; one per grade level

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Grade 3

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

Grade 4

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

Grade 5

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

Grade 6

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

Grade 7

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

**Description:**

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

**State Fair Entries:**

5 junior exhibits per county; one per grade level

6 senior exhibits per county; one per grade level

**Exhibit Guidelines:**

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

Provide a completed sewing skills card (Project Exhibit Card) with the exhibit. Skill 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 won 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 coast 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.

**Sewing Fashion Revue**

**Description:**

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

**State Fair Entries:**

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

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

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Junior (grades 3-7 suggested)

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

Senior Categories (grades 8-12 suggested)

**Informal or Casual Wear:** A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities. In this category, a complete outfit is defined, as a garment or garments that when put together make a complete 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 costumers, 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.

**Engineering and Technological Science**

**Aerospace**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

The 4-H aerospace program provides youth with educational information and experiences about

aerodynamics, flight and rocketry.

**State Fair Entries:**

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

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member’s exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, by 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, etch.) is to be removed before being placed in public exhibition.

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Learn to fly a remote-control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional. Other topics could include how a quadcopter operates, controls used to fly a quadcopter, UAV regulations administered by Federal Aviation Administration, commercial and emergency uses of UAVs, and more.

Intermediate (grades 6-8 suggested)

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

Construct or learn to fly a remote-control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional. Other topics could include interviewing a certified UAV pilot who works in law enforcement, EMS, fire, Purdue Extension, commercial or other application. Other options could include creating a flight plan or interfacing with other computer software.

Advanced (grades 9-12 suggested)

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

Construct or learn to fly a remote-control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional. Other topics could include using “stitching” software to produce an orthomosaic map for a research purpose, identifying Department of Transportation Aeronautical Chart features and explain how these are important to a drone pilot, how to obtain a drone pilot license, or more. If 16 years and older the member could obtain a license by completing and passing the official FAA Part 107 UAV licensing test.

**Computer Science**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level.

**Exhibit Guidelines:**

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

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, screenshots showing the development and final project, etc. as the exhibit 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 ore than 36” of tabletop space. Space should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff. Youth may continue in the same subject category in subsequent years expand on the previous year’s topic, or choose a new topic. Subject categories are:

Programming, Block- and Text-based Programming

Web Design and Computer Entrepreneurship

Computer Forensics

Hardware and Networking Design/Install/Repair

Graphic Design

Computer Art

3-D Printing

Robotics

Software submitted to be reviewed by a judge must be compatible on both PC and Mac platform.

If additional software other than Microsoft Office Suite is required to view the member’s work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.

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

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

**Exhibit Class Guidelines:**

Programming, Block- and Text-based Programming:

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

Block-based: Scratch, Code Studio, Alice, etc.

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

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

Sequence

Iteration

Conditionals

Variables

Loops

User input

Any other similar skills

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 o 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 1-2 items from the list ad create a report/presentation (including images) of what you did.

Design and implement a computer network

Secure your network

Understand technology needs in your community.

Help to solve these needs by organizing a committee or team to work on identified issues.

Teach a computer science class to younger 4-Hers.

Build your dream computer

Network multiple micro-controllers

Research careers in technology

Any other similar design/install/repair

**Graphic Design**

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

Logo design

T-shirt or apparel screen printing design

Promotional brochure

Marketing materials

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

**Computer Art**

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

**3-D Printing**

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

**Robotics**

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

Beginner – Grades 3-5

Create a flowchart

Build a robot

Use block- or text-based program to operate

Sequential programs

Events at beginning

Use at least one basic sensor

Model and demonstrate robot behaviors using a simulation environment (e.g. VEXcode VR [https://vr.vex.com])

Intermediate – Grades 6-8

Create a flowchart with sub-routines

Include at least two sensors in robot

Use at least three events in code

Create at least 2 loops in code

Operation of robot should be smooth

Advanced – Grades 9-12 – Above guidelines plus:

Use text-based language

Use advanced logic including

Multiple (three or more) events

Multiple (three or more) loops

At least three sub routines

Special consideration if robot is not a kit

**Electric**

**Record Sheet:**

[**Level 1-4 - General Record 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

[**Level 5 – Electric/Electronic Record Sheet**](https://extension.purdue.edu/4-H/_docs/projects/electric/Electric-Level-5-Record-Sheet.pdf)

[**Exhibit Skills and Knowledge Sheet**](https://extension.purdue.edu/4-H/_docs/projects/electric/Electric-Skills-and-Knowledge-Sheet.pdf)

[**Electric and Electronic Skills and Knowledge Chart**](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fextension.purdue.edu%2F4-H%2F_docs%2Fprojects%2Felectric%2Felectric-skills-and-knowledge-chart.docx&wdOrigin=BROWSELINK)

[**Project Sheets for Level 1-5**](https://extension.purdue.edu/4-H/projects/4-h-project-electric.html)

**Description:**

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

**State Fair Entries:**

5 electric exhibits per county, one per level

1 electronic exhibit per county, level 5

**Exhibit Guidelines:**

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

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

Youth are encouraged to complete the activities as instructed in the manual or found on the [4-H electric web page](https://extension.purdue.edu/4-H/projects/4-h-project-electric.html).

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

**Exhibit Class Guidelines:**

Electric Level 1 (1st year in Electric)

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

Exhibit Suggestions:

Circuit bord – 6” by 6” of Series/Parallel Circuit

Electromagnet

Galvanometer

Poster board (22”x28”)

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 form the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 2 (2nd year in Electric)

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

Exhibit Suggestions:

Magnetic Powered Shake Flashlight – with optional display

Circuit Board – 6” by 6” of Series/Parallel Circuit (with modifications if exhibited in Level 1)

Electromagnet

Galvanometer

Electric Motor

Poster board (22”x28”)

Display (appropriately sized for displayed equipment)

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

Electric Level 3 (3rd year in Electric)

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

Exhibit Suggestions:

Wiring Project – (i.e. extension cord, trouble light, wire sizes and uses, plug configurations, test equipment, replace cord/cord end on a tool or piece of equipment, etc.)

Electrical tool and supply kit

Poster board (22”x28”)

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 Level3 activities/project sheets, or from the appropriate level of Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 4 (4th year in Electric)

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

Exhibit Suggestions:

Wiring – Wire a lamp. The lamp can be a re-wired lamp or one that is built new.

Electrical tool and supply kit

Poster board (22”x28”)

Display (appropriately sized for displayed equipment)

Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Wired for Power Book 3, Purdue Extension website level 4 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

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

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

Exhibit Suggestions:

Equipment Wiring – including but not limited to: parts identification, appliance repair, lamps and other lighting, equipment wiring, control system, security system, topic that covers safety, motors/generators, electric heating, heat pumps, AC, water heaters, and other electric equipment.

Home Wiring – included by not limited to any circuits found in the wiring of a house or “barn”, service entrance, switching, receptacles, generator transfer circuit, safety, electrical math, and others.

Electronic Equipment – Any project or kit containing transistors or integrated circuits or vacuum tubes such as radio, TV, computer, robot, cell phone, and others.

Poster board (22”x28”)

Display (appropriately sized for displayed equipment)

Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Entering Electronics, Purdue Extension website Level 5 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Video Presentation Create a video showing the work accomplished and skills learned. This video should include the same type of information as required in written notebook listed above. This video is to be no more than ten minutes in length and formatted as MP4 and submitted on a thumb drive. This video can also be uploaded to a YouTube account with the video being made public and the link submitted for evaluation.

**Small Engine**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Description:**

The 4-H Small Engine project creates the education and hands-on opportunity for youth to learn all about engines.

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member’s exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way reference 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 mor than 3” of tabletop space. Space should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff.

The actual small engine may be displayed if mounted on a stable base. For safety reasons, all fluids (fuel and oil) must be removed before taking the exhibit inside a building. A notebook is to accompany the engine display and include details and pictures of what was done to the engine.

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any small engine topic of choice that I age/grade appropriate or a rebuilt small engine.

Advanced (grades 9-12 suggested)

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

**Tractor, Lawn and Garden Tractor, and Zero-Turn Mower Safety and Operator Skills**

**Lawn and Garden Tractor Safety and Operator Skills**

**Description:**

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

**State Fair Entries:**

4 educational exhibits per county: one per level

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

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when crating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member’s exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way reference 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 options, educational exhibit option or both. Youth choosing to exhibit in the lawn and garden tractor, tractor, or zero-turn mower operator skills driving option must select one, but may be enrolled in all three projects.

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

**Exhibit Class Guidelines:**

Educational Exhibit Option

Level A (grades 3-4 suggested)

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

Level B (grades 5-6 suggested)

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

Level C (grades 7-9 suggested)

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

Level D (grades 10-12 suggested)

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

**Operator Skills Option**

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

Junior (grades 3-7 suggested)

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

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.

**Tractor Safety and Operator Skills**

**Description:**

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

**State Fair Entries:**

4 educational exhibits per county; one per level

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

**Exhibit Guidelines:**

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

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

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

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

**Exhibit Class Guidelines:**

**Educational Exhibit Option**

Level A (grades 3-4 suggested)

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

Level D (grades 10-12 suggested)

Created an educational poster, notebook, or display about any manual activity or on any tractor safety, maintenance, operating system, 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.

Senior (grades 8-12 suggested)

Youth will demonstrate their operation skills by driving a tractor and wagon or trailer though an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

**Zero-Turn Mower Safety and Operator Skills**

**Description:**

The 4-H zero-turn mower and equipment program develops principles of engine operation, hydraulic systems, electrical systems, safe operation skills.

State Fair Entries:

4 educational exhibits per county; one per level

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

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when crating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H ember’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 reference are listed.

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

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

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

**Exhibit Class Guidelines:**

**Educational Exhibit Option**

Level A (grades 3-4 suggested)

Create an educational poster, notebook, or display about any manual activity or on any zero-turn mower safety, maintenance, operating system, or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6 suggested)

Create an educational poster, notebook, or display about any manual activity or on any zero-turn mower safety, maintenance, operating system, or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9 suggested)

Create an educational poster, notebook, or display about any manual activity or on any zero-turn mower safety, maintenance, operating system, or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12 suggested)

Create an educational poster, notebook, or display about any manual activity or on any zero-turn mower safety, maintenance, operating system, or operation topic of choice that is age/grade appropriate.

**Operator Skills Option**

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

Junior (grades 3-7 suggested)

Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12 suggested)

Youth will demonstrate skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

**Woodworking**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

[**Woodworking Exhibit Skills Sheet 4-H 6875d-W**](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_Skills_Sheet_Fillable.pdf)

[**Woodworking Tools, Skills and Techniques 4-H 6876C-W**](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_techniques.pdf)

**Description:**

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

**State Fair Entries:**

4 per county; one per level.

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Level 1 (grades 3-4 suggested)

Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the [Indiana 4-H Woodworking Tool, Techniques and Skills Chart 4-H 6875C-W](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_techniques.pdf). 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](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_techniques.pdf). Exhibit 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](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_techniques.pdf). 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 (grade 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](https://extension.purdue.edu/4-H/_docs/projects/woodworking/Woodworking_techniques.pdf). Exhibited may also include lower-level techniques that have been mastered. Any 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.

**Healthy Living**

**Child Development**

**Record Sheet:**

[**Child Development Level A Record Sheet Grade 3 and 4 - 4-H-973A-W**](https://extension.purdue.edu/4-H/_docs/projects/child-development/4-H-973A-W.pdf)

[**Child Development Level B Record Sheet Grade 5 and 6 - 4-H-974A-W**](https://extension.purdue.edu/4-H/_docs/projects/child-development/4-H-973A-W.pdf)

[**Child Development Level C Record Sheet Grade 7, 8 and 9 - 4-H-975A-W**](https://extension.purdue.edu/4-H/_docs/projects/child-development/4-H-975A-W.pdf)

[**Child Development Level D Record Sheet Grade 10, 11 and 12 - 4-H-976A-W**](https://extension.purdue.edu/4-H/_docs/projects/child-development/4-H-976A-W.pdf)

**Manual:**

4-H-973 Child Development Level A: Building a Bright Beginning

4-H-974 Child Development Level B: Building Blocks of Learning

4-H-975 Child Development Level C: Building a Strong Foundation

4-H-976 Child Development Level D: Building Relationships Toward a Brighter Tomorrow

**Description:**

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

**State Fair Entries:**

4 entries per county: one per level.

**Exhibit Guidelines:**

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

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

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

Notebooks are to include the following:

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

Title page naming the activity.

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

Photographs showing how the activity was used along with assembly.

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

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

**Exhibit Class Guidelines:**

Level A (grades 3-4 suggested)

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

Level B (grades 5-6 suggested)

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

Level C (grades 7-9 suggested)

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

Level D (grades 10-12 suggested)

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

**Foods**

**Record Sheets:**

[**Foods Level A: Year 1 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1032A-W.pdf)

[**Foods Level A: Year 2 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1032B-W.pdf)

[**Foods Level B: Year 1 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1033A-W.pdf)

[**Foods Level B: Year 2 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1033B-W.pdf)

[**Foods Level C: Year 1 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1034A-W.pdf)

[**Foods Level C: Year 2 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1034B-W.pdf)

[**Foods Level C: Year 3 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1034C-W.pdf)

[**Foods Level D: Year 1 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1035A-W.pdf)

[**Foods Level D: Year 2 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1035B-W.pdf)

[**Foods Level D: Year 3 Record Sheet**](https://extension.purdue.edu/4-H/_documents/4-H-1035C-W.pdf)

**Foods, Baked**

**Description:**

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

**State Fair Entries:**

2 Level A entries per county.

2 Level B entries per county.

2 Level C entries per county.

2 Level D entries per county.

**Exhibit Guidelines:**

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

Posters are to be 22”x28” and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using n 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: Filling, frosting, 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 minimized 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
* 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 consumer 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 difference and creativity, therefore using information in this document as guide rather that 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 abut 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 a 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 judges 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 pretzels with a whole grain flour mixture (shaped, stick, or nugget).

Three no-yeast breadsticks.

Three no-yeast cinnamon rolls or other flavored rolls 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 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 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 or braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Participants are expected to lean 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 phot 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 yea, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

A single or double crust baked fruit pie (no graham cracker crust). (Note: Custards, cream, cream cheese frosting and fillings, and raw egg white frosting are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

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

Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a baked food product appropriate for someone with this condition. Exhibit will include your food product and a notebook summarizing the condition or allergy, nutrition considerations involved with the condition, a description of your baked item, and an explanation of how it fits within the nutrition considerations. Make sure to note any ingredients that could cause an allergic reaction.

Prepare an entrée casserole that meets four MyPlate requirements for a meal Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven. An international or ethnic food of choice. This may be a cold or hot product. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be 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**

**Description:**

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

**State Fair Entries:**

2 Level A entries per county.

2 Level B entries per county.

2 Level C entries per county

2 Level D entries per county.

**Exhibit Guidelines:**

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

Contestants should carefully wash their hands and make sure that their ands 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 completion. 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 food 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 appropriate container, preferable 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 an instead will be donated to a central Indiana homeless shelter. Home-canned exhibits will be displayed but will be disposed at the state fair’s conclusion.

**Exhibit Class Guidelines:**

Level A (grades 3-4 suggested)

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

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

One package of frozen berries. Display in freezer bag or freezer container. (NOTE: Freezer container 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 car with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date dehydrated.

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

Any other similar preserved item.

Level B (grades 5-6 suggested)

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

One uncooked frozen mini-pizza using whole-grain pita bread, English muffin, bagel, or already prepared crust (no larger than 7” in diameter) with toppings of your choice. Include at least 4 MyPlate food groups on your pizza. Meat topping 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, burritos, 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 car 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 entrée 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.

**Health**

**Record Sheet:**

[**Health Record Sheet 4-H -08174A-W**](https://extension.purdue.edu/4-H/_documents/4-H-08174A-W.pdf)

**Description:**

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

**State Fair Entries:**

3 exhibits per county; one per level.

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

**Shooting Sports**

**Record Sheets:**

[**Shooting Sports Exhibit Record Sheet 4-H-950C-W**](https://extension.purdue.edu/4-H/_documents/4h_950c_w.pdf)

[**Shooting Sports Summary Record Sheet 4-H-950B-W**](https://extension.purdue.edu/4-H/_documents/4h_950b_w.pdf)

[**Shooting Sports Personal Goals Record Sheet 4-H-950A-W**](https://extension.purdue.edu/4-H/_documents/4h_950a_w.pdf)

[**Shooting Sports Meeting Record Sheet 4-H-950D-W**](https://extension.purdue.edu/4-H/_documents/4h_950d_w.pdf)

[**Independent Study Record Sheet (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record Sheet (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level.

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when crating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to completer 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 power 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 disciples. Contact your county 4-H educator to learn about discipline opportunities in your county. Contact your county 4-H educator to learn abut 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.

**Sportfishing**

**Record Sheet:**

[**Sportfishing Record BU-7598a-W**](https://extension.purdue.edu/4-H/_documents/Sportfishing%20record%20sheet.pdf)

[**Independent Study Record (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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

Judges evaluating exhibits should recognized 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.

**Leadership and Citizenship**

**Genealogy**

**Record Sheet:** [**Genealogy Record Sheet 4-H 748A-W**](https://extension.purdue.edu/4-H/_documents/4-H-748A-W.pdf)

**Resource Site:** [**Genealogy Project**](https://extension.purdue.edu/4-H/projects/4-h-project-genealogy.html)

**Description:**

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

**State Fair Entries:**

5 entries per county; one per division.

**Exhibit Guidelines:**

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

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

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

Book #1 – Appropriate size notebook or binder, contains introduction sheet, pedigree charts and family group sheets

Book #2 – Appropriate size notebook or binder, contains additional information worksheets and diary of work

Book #3 – Appropriate size notebook or binder, contains supporting documents, pictures, etc.

Book #4 – Appropriate size notebook or binder, contains Advanced Division options only (Begin using this notebook in first year of the advance division or the fifth year of project enrollment.)

Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.

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

Notebooks should be tabbed and in the following order (tabs are to be easily visible to the reviewer):

Book #1 – Introductory Page; Pedigree charts; Family Group Sheets

Book #2 – Additional Information Worksheets; Dairy of Your Work

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

Book #4 – Advance 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 documents is to be included in the notebook and all identifiable information (like social security numbers) except for names is to be completely marked out. Original legal documents are to be kept in a secure location by the 4-H member and his/her family.

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

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

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

Suggested Genealogy Supply List:

Four 3” -ring (D-ring type suggested notebooks (Book #1, #3, #4 will be exhibited and the fourth 3” D-ring notebook to maintain documents at home and NOT exhibited.)

One 2” -ring (D-ring type suggested) notebook (Book #2)

Computer or legible printing/handwriting (be consistent with method used)

#2 lead pencil with soft eraser

Black ink pen

Yellow highlighter

Notebook tabs AND acid free dividers (several tabs will be needed, be consistent with style used, should not appear past edge of notebook)

Fine point permanent Black marker

Acid free and non-glare sheet protectors

Acid free paper

Acid free glue stick

Acid free satin Scotch tape

Scissors

Correction tape

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

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

**Exhibit Class Guidelines:**

Division 1 (1st year in project suggested)

Exhibit notebook that includes the following:

Book #1

An Introduction page with a recent photograph of yourself.

Complete three-generation pedigree chart. this includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the “Recording the Information” section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at the** [www.extension.purdue.edu/4-H](http://www.extension.purdue.edu/4-H), **4-H748Pc-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 the picture was taken, as well as ancestor numbers.

Division 2 (2nd year in project suggested)

Exhibit notebook that includes the following:

Book #1

Four-generation pedigree chart. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at** [www.extension.purdue.edu/4-H](http://www.extension.purdue.edu/4-H), **4-H748Pc-W or 4-H748Pbw-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.

Exhibits Book #1, book #2, and book 33. Books 2 and 3 should only include Division 2 ancestors 8-15 and related information.

Division 3 (3rd year in project suggested)

Exhibit notebook that includes the following:

Book #1

Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at** [www.extension.purdue.edu/4h](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 33. Books 2 and 3 should only include Division 3 ancestors 16-31 and related information.

Division 4 (4th year in project suggested)

Exhibit a notebook(s) that included 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 chats listed at** [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.

Additional Family Group Sheets for generation six (6). Sources of information must bee filled in on family group sheets (see section “Recording the Information”).

Book #2 (Ancestors 32-63 information)

Additional information worksheets

A diary of the work

Book #3 (Ancestors 32-63 information)

A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what’s happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth-generation ancestor was living.

Any documents or pictures pertaining to these generations, correctly labeled.

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

Advanced (5th year and above in project suggested)

Exhibit notebook that includes the following:

Book #1

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

Your family group sheet for generations seven and eight.

Sources of information filled in on family group sheets (see section “Recording the Information” in the Indiana 4-H Genealogy Resource Guide, 4-H 748).

Book #2 (Ancestors 64-255 information)

Additional Information worksheets

Diary of your work

Book #3 (Ancestors 64-255 information)

Any documents or pictures pertaining to these generations; correctly labeled.

Book #4

One new advanced level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.

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

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. A timeline historical reports 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.
9. 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.
10. 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.
11. Any other genealogy related activity of choice.

**Junior Leaders**

**If you sign up for Junior Leaders as a project or as the club, you will be automatically entered into both project and club.**

**Record Sheet:** [**Benton County Junior Leader Record Book**](https://extension.purdue.edu/county/benton/_docs/benton-county-4-h-junior-leader-1.pdf)

**Description:**

The Junior Leader project allows 4-H members in grades 7-12 the opportunity to provide their Adult 4-H Volunteers with additional assistance in their 4-H Clubs and related activities while serving as mentors and role models to the younger 4-H members by sharing their experiences with them. Many counties offer county-wide opportunities for Jr. Leaders to meet and serve the community.

**State Fair Entries:**

No state fair entries

**Exhibit Guidelines:**

Junior leaders develop skills in the areas of civic engagement, leadership, entrepreneurship, and more through a variety of hands-on experiences throughout the year.

**Exhibit Class Guidelines:**

Contact your county 4-H youth development educator to learn more about your county’s Junior Leaders project.

**Plant and Environmental Science**

**Beekeeping**

**Record Sheet:** [**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

[**Independent Study Record Sheet (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record Sheet (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

1 educational exhibit per county

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

**Exhibit Guidelines:**

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

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

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

Special Notes:

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

Honey (including chunk, cut comb and comb) must be collected since the previous county fair.

**Exhibit Class Guidelines:**

Educational Poster or Display (grades 3-12)

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

Extracted Honey (grades 3-12)

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

Chuck Honey (grades 3-12)

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

Cut-comb Honey (grades 3-12)

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

Two Honey Product

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

**Entomology**

**Resources:** [**Entomology 4-H State Project**](https://extension.purdue.edu/4-H/projects/4-h-project-entomology.html)

**Record Sheet:**

[**Insect Project Record Sheet 4-H-763C-W**](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-763C-W.pdf)

[**Independent Study Record Sheet (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record Sheet (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 collection exhibits per county, one per level

3 educational exhibits per county, one per level

**Educational Exhibit Guidelines:**

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

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

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

**Collection Exhibit Guidelines:**

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

* Title as Insect Collection year in Entomology
* Order – refer to ID-401, page 57.
* Display – mounted insects are to have been legally and personally collected in the United States and displayed in an 18”x24” collection box displaying horizontally. Collections including multiple boxes are to be numbered 10f 3, etc. ID 401 A-F cards (for Beginner and Intermediate) and 401-I cards (for Advanced) are to be placed inside the display box in an attractive manner.
* Identification – Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
* Pin Labels – Each pin or vial must contain two labels:

1. Top label is to include collection date, location, and collector name.
2. Bottom label is to include common name and other optional identification data.

* Box Labels – Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family label. For example, all insects belonging to a particular order must be 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 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 butterflies 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 form 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 4-H 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. Gibbs, Department of Entomology.

Beginning (1st-3rd Year in Entomology)

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

|  |  |  |
| --- | --- | --- |
| Year in Entomology | Collection Information | Total Boxes |
| 1st year | 10 insects, identified and pinned on cards ([ID 401A](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401A.pdf)) | 1 |
| 2nd year | 20 insects, mounted (pins or vials). Identify all insects by common name and identify five (5) to order. Include card [ID 401B](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID401B.pdf). | 1 |
| 3rd year | 30 insects, mounted (pins or vials). Identify all insects by common name and identify 15 to order. Include [ID 401C](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401C.pdf). | 1 |

Intermediate (4th-6th Year in Entomology)

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

|  |  |  |
| --- | --- | --- |
| Year in Entomology | Collection Information | Total Boxes |
| 4th year | 40 insects, exhibit a minimum of 6 orders, mounted (pins or vials). Identify all insects by common name and order. Include [ID 401D](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401D.pdf). | 2 |
| 5th year | 50 insects, exhibit a minimum of 8 orders, mounted (pins or vials). Identify all insects by common name and order. Identify ten (10) to family. Include card [ID 401E](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401E.pdf). | 2 |
| 6th year | 60 insects, exhibit a minimum of 10 orders, mounted (pins or vials). Identify all insects by common name and order. Identify 30 to family. Include card [ID 401F](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401F.pdf). | 2 |

Advanced (7th-10th Year in Entomology

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

|  |  |  |
| --- | --- | --- |
| Year in Entomology | Collection Information | Total Boxes |
| 7th year | 70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect behavior. Include card [ID 401I](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401I.pdf). (1-3 collection boxes plus 1 educational box\*). Place ID 401I in first collection box only. | 3 |
| 8th year | 80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. Once 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.  [Card ID 401I download](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401I.pdf) | 3 |
| 9th year | 90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insects in the environment. Include card ID 401I. (1-3 collection boxes plus 1 educational box\*). Place ID 401I in first collection box only.  [Card ID 401I download](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401I.pdf) | 3 |
| 10th year | 100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: benefits of insects. Include card ID 401I. (1-3 collection boxes plus 1 educational box\*). Place ID 401I in first collection box only.  [Card ID 401I download](https://extension.purdue.edu/4-H/_docs/projects/entomology/4-H-ID-401I.pdf) | 3 |

**Floriculture**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

[**Floriculture Level B Record Sheet (Plant) 4-H 967C**](https://extension.purdue.edu/4-H/_docs/projects/floriculture/4-H-967C-W.pdf)

[**Floriculture Level D Record Sheet (Plant) 4-H 969C**](https://extension.purdue.edu/4-H/_docs/projects/floriculture/4-H-969C-W.pdf)

**Description:**

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

**State Fair Entries:**

8 floral exhibits per county, 2 per level

4 educational exhibits per county, 1 per level

**Exhibit Guidelines:**

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

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

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

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

**Exhibit Class Guidelines:**

Level A (grades 3-4 suggested)

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

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

1. Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers)
2. Describe how you planned or designed your garden, including how you chose the kinds of flowers.
3. Explain how you harvested your flowers, cared for them, and used them in an arrangement.
4. Explore and explain: pollination – what it is, why important, different ways it occurs or transplanting – what, how, things, to watch out for; or role of insects with flowers (good, bad or both)
5. Explore and explain: seed germination
6. Explore and explain: how to care for a ‘sick’ plant
7. Report on interview with a floriculture professional (what do they do, types of jobs, type of training, hours worked, etc.)
8. Describe an experiment you did and the results.
9. Describe a community service project you did related to your flowers project.
10. Another similar activity

Level B (grades 5-6 suggested)

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

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

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

Level C (grades 7-9 suggested)

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

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

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

Level D (grades 10-12 suggested)

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

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

1. Describe how you created your arrangement, include information on the design principles utilized
2. Explore and explain: how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of arrangements
3. Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types of 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

**Forestry**

**Record Sheets:**

[**Forestry Level 1 Record Sheet (Grade 3-5)**](https://extension.purdue.edu/4-H/_documents/4-H-8038A-W.pdf)

[**Forestry Level 2 Record Sheet (Grade 6-8)**](https://extension.purdue.edu/4-H/_documents/4-H-8039A-W.pdf)

[**Forestry Level 3 Record Sheet (Grade 9-12)**](https://extension.purdue.edu/4-H/_documents/4-H-8040A-W.pdf)

[**Independent Study Record (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

This project teaches youth natural resources and forestry related skills.

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

Create an educational poster, notebook or display about any manual activity or an 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 a herbarium collection that contains at 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**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

**Resource:**

[**Suggested 4-H Garden Exhibits 4-H-970-W**](https://extension.purdue.edu/4-H/_docs/projects/garden/4-h-970-w-suggested-garden-exhibits.pdf)

**Description:**

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

**State Fair Entries:**

1 collection per member, unlimited number of county entries.

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

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

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

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

1 educational exhibit entry per county.

**Exhibit Guidelines:**

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

Poster 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 be designed to sit on a table using no more than 36” of tabletop space. Space should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff.

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

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

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

**Exhibit Class Guidelines:**

Level A (grades 3-4 suggested)

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

Level B (grades 5-6 suggested)

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

Level C (grades 7-9 suggested)

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

Level D (grades 10-2 suggested)

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

**Garden Collection Option**

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

**Single Vegetable Option**

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

|  |  |
| --- | --- |
| **Vegetable** | **Plated Display Description** |
| Asparagus | Asparagus, 5 spears |
| Beans | Cowpea, black-eyed pea, southern pea, etc.,10 pods or ½ cup shelled |
| Beans | Snap, Green or Wax, 10 pods |
| Beans | Lima-large or small – 10 pods or ½ cup shelled |
| Beans | Navy, kidney, shell out, etc. – ½ 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 | Parsnip, tops off, 3 |
| Peas | Peas, edible pod such as snow peas, 10 pods |
| Peas | Peas, unshelled, 10 pods |
| Peppers | Bell type, 3 |
| Peppers | Chili type, 3 |
| Peppers | Serrano type, 3 |
| Peppers | Banana/Long/Wax/Hungarian type, 3 |
| Peppers | Pimiento type (red), 3 |
| Peppers | Cayenne type, 3 |
| Peppers | Jalapeno type, 3 |
| Peppers | Cherry type, 3 |
| Peppers | New Mexican, long green, Anaheim type, 3 |
| Peppers | Ancho type, 3 |
| Peppers | Tabasco type, 3 |
| Peppers | Habanero type, 3 |

|  |  |
| --- | --- |
| Potato | Potatoes, any color, 3 |
| Pumpkin | Pumpkin, (other), 1 |
| Pumpkin | Table, Canning, or Ornamental, 1 |
| Radishes | Radishes, 5 |
| Rhubarb | Rhubarb, 3 stalks bundled |
| Rutabaga | Rutabaga, 3 |
| Spinach | Spinach, 10 bundled leaves |
| Squash | Banana, or other large winter squash type, 1 |
| Squash | Buttercups, Turbans, 1 |
| Squash | Butternut, 1 |
| Squash | Cushaw, 1 |
| Squash | Hubbards – blue, green or golden, 1 |
| Squash | Scallops/Patty Pans, 1 |
| Squash | Straight or crookneck – i.e. summer squash, 1 |
| Squash | Acorn, 1 |
| Squash | Zucchini or cocozelle, 1 |
| Sweet Potato | Sweet potatoes, 3 |
| Tomatillos | Tomatillos, 3 |
| Tomato | Any tomato, 1 |
| Turnips | Turnips, 3 |
| Watermelon | Watermelon, 1 |
| Any Other Vegetable | Any vegetable not listed above, include 1-3 specimens |

**Herb Option**

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

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

**Potato Tray Option**

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

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

**Tomato Plate Option**

Display from the list below tomatoes you have grown and card 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.

**Geology**

**Record Sheet:**

[**Geology Level 1 Record Sheet**](https://extension.purdue.edu/4-H/_documents/geology_1_record%20sheet_4-h-985a.pdf)

[**Geology Level 2 Record Sheet**](https://extension.purdue.edu/4-H/_documents/Geology2RecordSheet.pdf)

[**Geology Level 3 Record Sheet**](https://extension.purdue.edu/4-H/_documents/Geology_3_record_4H987a_W.pdf)

[**Independent Study Record (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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

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

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

Posters and display boxes will be exhibited “standing up” at the Indiana State Fair. Therefore, you need to mound 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 guide rather than a requirement.

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Create an educational poster, notebook, or display about any about 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 15-24 minerals and/or fossils and/or jewel stones. Youth can also design and complete an independent study activity.

**Soil and Water Science**

**Record Sheet:**

[**Soil and Water Science Record Sheet 4-H-1027b-W**](https://extension.purdue.edu/4-H/_documents/4-H-1072b_W_soil_water_science_record%20sheet.pdf)

**[Independent Study Record (Advanced) 4-H-NR-AT](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)**

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

**Weather and Climate Science**

**Record Sheets:**

[**Weather and Climate Science Record Sheet 4-H-1023b-W**](https://extension.purdue.edu/4-H/_documents/4-H_1023b-W_Weather_Climate_Science_record_sheet.pdf)

[**Independent Study Record (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

Youth will learn information about weather and climate science.

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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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)

Created 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 activity.

**Wildlife**

**Record Sheet:**

[**Wildlife Science Record Sheet 4-H-1044a-W**](https://extension.purdue.edu/4-H/_docs/projects/wildlife/wildlife-record-sheet.pdf)

[**Independent Study Record (Advanced) 4-H-NR-AT**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-AT.pdf)

[**Independent Study Record (Mentoring) 4-H-NR-M**](https://extension.purdue.edu/4-H/_docs/projects/4-H-NR-M.pdf)

**Description:**

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

**State Fair Entries:**

3 per county; one per level

**Exhibit Guidelines:**

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

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

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

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

**County Projects**

**There is no State Fair entry for these projects. A completed record sheet signed by your 4-H leader must be presented, along with your exhibit, at project check-in at the fair.**

**Crops**

**Record Sheet:**

[**Crops Record Sheet**](https://extension.purdue.edu/county/benton/_docs/crops-record-2025.pdf)

**Description:**

The crop project is designed for youth interested in learning and observing basic crop growth and issues that will be useful for a farm operation.

**State Fair Entries:**

None

**Exhibit Guidelines:**

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member’s original work. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member’s exhibit. This reference list should/might include web site links, people, and professionals interviewed, 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 difference and creativity, therefore using information in this document as a guide rather than a requirement.

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Exhibit one of the following:

1. Three cornstalks; a flake of alfalfa or mixed hay; one gallon of your small grain (oats or wheat), or three green soybean plants (including roots free of soil, tied together).
2. Create an educational poster, notebook, or display on any crop topic of choice that is age/grade appropriate.

Intermediate (grades 6-8 suggested)

Exhibit one of the following:

1. Three cornstalks; a flake of alfalfa or mixed hay; one gallon of your small grain (oats or wheat), or three green soybean plants (including roots free of soil, tied together).
2. Create an educational poster, notebook, or display on any crop topic of choice that is age/grade appropriate.

Advanced (grades 9-12 suggested)

Exhibit one of the following:

1. Three cornstalks; a flake of alfalfa or mixed hay; one gallon of your small grain (oats or wheat), or three green soybean plants (including roots free of soil, tied together).
2. Create an educational poster, notebook, or display on any crop topic of choice that is age/grade appropriate.

**Cupcake Decorating**

**Record Sheet:**

[**Cake Decorating Record Sheet 4-H 710a-W**](https://extension.purdue.edu/4-H/_docs/projects/cake-decorating/Cake-Decorating-Record-Sheet.pdf)

**Description:**

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

**State Fair Entries:**

None

**Exhibit Guidelines:**

The cupcake decorating project must be a completely covered solid display board. Icing may be used in your project. Items that are edible must be attached naturally (with icing). Artificial items may be used as well. The artificial items may be attached to your display board using glue, wire, etc., but must **NOT** come in contact with the cupcakes.

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Display six (6) individually decorated cupcakes. Cupcakes need to be displayed in a single layer on a solid display board. Display board cannot exceed 12”x12”.

Intermediate (grades 6-8 suggested)

Display 12-18 individually decorated in a theme. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. The cupcake display may not exceed 22”x28”. No matter your display, your cupcake project needs to be presented on a solid display board.

Advanced (grades 9-12 suggested)

Display 18 or more cupcakes, decorated in a theme. Cupcakes may be decorated individually or as a group, as long as the theme is carried out in your display. The cupcake display may not exceed 22”x28”. No matter your display, your cupcake project must be presented on a solid display board.

**Do Your Own Thing**

**Record Sheet:**

[**General Record Sheet**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf) **4-H 528**

**Description:**

The Do Your Own Thing project allow youth to express their creativity and think-out-of-the-box ideas that is not included in the current 4-H program. Such projects can be developed to expand a current interest or to explore a new field.

**State Fair Entries:**

None

**Exhibit Guidelines:**

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

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

This exhibit cannot fit into any other 4-H project or category such as but not limited to: Americana, ATV safety, bicycle, collections, exploring my world, microwave, pumpkin, recycling, robotics, scarecrow, sunflower, sports, taxidermy, or wind energy.

The exhibit can be no larger that 2’ x 3’ x 3’.

Project exhibits should be educational. Teach the observer something and show what you have learned.

If your DYOT project falls under a state project category that we do not offer, it may still go the State Fair under that project if the DYOT judge deems it eligible.

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

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

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

**Pocket Pets**

**Record Sheet:**

[**Benton County Pocket Pets Record Sheet**](https://extension.purdue.edu/county/benton/_docs/pocket-pets.24.pdf)

[**Certification of Vaccination for the 4-H Ferret Project**](https://extension.purdue.edu/4-H/_docs/projects/ferret-vaccination-form.pdf)

**Description:**

Youth will learn life skills and grow in knowledge through researching, obtaining and caring for small companion animals that does not qualify for any other animal project.

**State Fair Entries:**

None

**Divisions for Pocket Pets are as follows:**

Junior – grades 3-5

Intermediate – grades 6-8

Senior – grades 9-12

**Exhibit Guidelines:**

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

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

Pets that may be shown in the 4-H Pet project:

* Aquatic: Crabs, fishes, frogs, toads, mudpuppies, newts, or salamanders
* Birds: All pet birds
* Mammals: Ferrets, guinea pigs, hedgehogs, rabbits, prairie dogs, gerbils, hamsters, mice, rats, and sugar gliders
* Reptiles: Lizards (non-poisonous), snakes (non-poisonous), and turtles
* Any other animal may be exhibited upon approval of the Benton County 4-H Educator

**Pet Show Guidelines:**

1. Pocket Pets will come to the county fair for the Pocket Pets Show only. They will not stay at the fair on display.
2. The Pocket Pet must be taken to the fair in a cage, pen, container, etc. It will be the responsibility of the 4-Her to keep the pet contained during before, during, and after the show. However, the 4-Her must be able to handle the pet if the judge requests it.
3. The Pocket Pet must be in the possession of and cared for by the 4-H member by May 15th.
4. Be at the show location with your pet 15 minutes prior to the show.
5. The Pocket Pet must be clean and show no signs of disease, parasites, or etc.
6. In each division, the 4-H member may exhibit up to two entries in one year. Each entry will be in a separate cage

**Scrapbook**

**Record Sheets:**

[**4-H Craft Record 4-H 618**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618-W.pdf)

[**4-H Craft Information Card 4-H 618a-W**](https://extension.purdue.edu/4-H/_docs/projects/arts-and-crafts/4-H-618A-W.pdf)

**Description:**

The Scrapbook project allows you to preserve you and your family’s memories in an organized and creative way.

**State Fair Entries:**

None

**Exhibit Guidelines:**

1. Each scrapbook album will have a front and back cover with pages firmly attached between the covers.
2. Each album should be 12” x 12” in size.
3. Leave a blank page covered with a page protector at the end of your completed pages so that your score card can be inserted.
4. Each page will be covered with a plastic page protector, except pop-up pages (see Advanced Division). Use polypropylene page protectors. These are made of photo-safe plastic to protect album pages and photographs from fingerprints, abrasion and accidental spills. Protectors made of PVC give off a chlorine gas that causes the plastic to bond with photographs over time, making it impossible to separate the two.
5. Complete pages contain photos or memorabilia, documentation, decoration, etc. Each page should contain the date when picture(s) was taken. This can be incorporated in the journaling or written somewhere on the page (i.e. “Christmas 2016”) in a bottom corner. Incomplete or unfinished pages will not be judged or counted toward the required pages per division, either remove the extra pages for judging or mark the pages you want judged.
6. You should use acid-free, buffered scrapbook pages.
7. Photos or memorabilia must be included in each scrapbook, but not necessarily on each page. Some pages may contain only photos while others may contain only memorabilia.
8. Exhibit clean and neat pages with clear and neat writing. The writing should not be done with a pencil. The lead is damaging to photographs. No computer-generated writing is allowed. Words should be spelled correctly.
9. Journaling (labels, captions, stories, thoughts, ideas, etc.) is to be used along with your photos and memorabilia on every page. Most journal entries should be written in complete sentences. However, there are times are times where bullet points will bring your points across faster and directly to the main points.
10. Cropping Techniques – Depending on your division, you may use a variety of cropping techniques and page layouts in your album
11. Decorations – All decorations (including stickers and die-cuts) should be acid- free and lignin-free.
12. Page/Photo Layout and Design – A variety of page layouts will add creativity and interest to your album. Use a nice balance complementing your theme for the page and pictures.
13. Each page that does not follow the requirements for your division will be counted down.

**Exhibit Class Guidelines:**

Beginners (grades 3-5 suggested)

* Layout: 3 pages (front and back) for a total of 6 pages; Simple two-three colors of paper; stickers and die-cuts can be used but are not required.
* Cropping: Straight cutting of photos using regular scissors or paper cutter. Decorative scissors can be used on colored paper. You may use corner rounders on pictures.

Intermediate (grades 6-8 suggested)

* Layout: 4 pages (front and back) for a total of 8 pages; It should have more creative layout. Creative borders and lettering can be used.
* Cropping: Any and all shaped templated can be used.

Advanced (grades 9-12 suggested)

* Layout: 5 pages (front and back) for a total of 10 pages; you may include a pop-up page, pocket page or kaleidoscope-type layout, but not every page has to be these types. You may use techniques you have learned in previous division. A variety of layouts should be included.
* Cropping: Silhouette cropping can be used in addition to techniques you have learned in previous divisions.

**Welding**

**Record Sheet:**

[**General Record Sheet 4-H 528**](https://extension.purdue.edu/4-H/_docs/projects/4-h-528-w.pdf)

[**Welding Information Card**](../../Projects/Welding/Welding%20Information%20Card.pdf)

**Description:**

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

**State Fair Entries:**

None

**Exhibit Guidelines:**

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

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

Techniques to learn: Safety in welding, clothing, gloves, shoes, helmet, jacket, and practices. Basic skills: striking an arc, running a bead, setting heat range, learning electrodes and current flow, etc. Use of measurement and cutting tools, other fabrication techniques. Joint preparation (using a grinder), Out-of-position welding, multiple fillet welds, flame cutting and learning the parts, safety, igniting and stopping a cutting torch.

**Exhibit Class Guidelines:**

Beginner (grades 3-5 suggested)

Create an educational poster, notebook or display about any welding topic of choice that is age/grade appropriate or a small, welded item.

Intermediate (grades 6-8 suggested)

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

Advanced (grades 9-12 suggested)

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

Benton County Fair Ground Map – Where Livestock is Permitted



Reference for #11 in General Livestock Terms and Conditions – Map of designated area where animals are to be kept during the duration of the fair. Animals are to be kept and walked within the boundaries of the yellow outline. All questions or exceptions are to be directed to the species barn superintendent.