

# 2023

## MIAMI COUNTY



# HANDBOOK



Extension - Miami County



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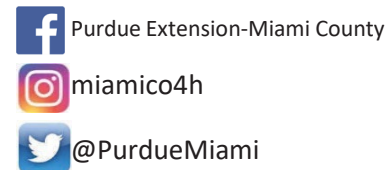
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**Extension Office Website:** <https://extension.purdue.edu/Miami>

**4-H Youth & Volunteer Enrollment/Animal Identification Website:** <https://v2.4honline.com>

**4-H Fair Project Entry Website:** <https://miamicounty-in.fairentry.com>

**2023 Miami County Extension Board:**

Lauren Catey	John Donaldson	Sandy Chittum
Bob Clark	Tom Daugherty	TJ Zeiser
Mike Walters	Patty Cole	Ashley Soldi

**2023 4-H Council:**

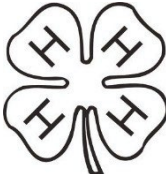

Leyna Washburn (President)	Cricket Brown	Sharon Cooley
Jeanette Merritt (Vice President)	Rose Brown	Troy Hattery
Alyssa Case (Secretary)	Amanda Wilson	
Janie Hattery (Treasurer)	Amber Schipper	
Jill Early (Assistant Treasurer)		

**2023 Miami County Fair & Livestock Association, Inc.**

Greg Hunt (President)	Jaxson Stage	Ryan Parson
Cody Eames (Vice President)	Jim Sharp	Verlin Herschberger
Patty Willson (Secretary)	Daniel Mooney	Caleb Smith
Ranissa Oliver (Assist. Secretary)	Cody Dyer	Cricket Brown
Jill Sharp (Treasurer)	Caleb Sadowsky	Heather McKinley
Heather Wildermuth (Assist. Treasurer)	Sam Pier	Troy Schipper
Greg Deardorff	Rusty Merritt	Cole Alspaugh
Kelly Haupt	Nathan Spence	Marvin Jones
Kameron Donaldson	Jimmy Wilson	Tyler Wilson
	Sara Badger	Mark Weaver
		Sadie Harmon

Project judging will take place on the following dates: **June 15-17.**

Food will be available for purchase on these dates.  
This is an **OPEN** judging; all 4-H members & parents are encouraged to attend.  
***Superintendents will initial your record sheets.***

Day	4-H Project Building	Community Building	Patio
THURSDAY AM, JUNE 15  Enter projects: 8:00 AM – 9:00 AM Judging begins: 9:15 AM	Crafts Child Development Gift Wrap Health Seasonal Decorations	Bake with a Mix Chicken BBQ Dairy Foods Foods	Digitally Designed Scrapbook Scrapbook
THURSDAY PM, JUNE 15  Enter projects: 11:30 AM-12:30 PM Judging begins: 12:45 PM  <b><i>Turn Consumer Clothing notebooks in to the Extension Office by NOON.</i></b>	Fine Arts Recycled Articles Entomology Forestry Geology Shooting Sports Soil & Water Science Sport Fishing Veterinary Science Weather & Climate Wildlife Woodworking	Sewing-Wearable Sewing-Non-wearable	
THURSDAY PM, JUNE 15  Enter projects: 6 PM Judging begins: 6:30 PM	Bicycle Rodeo @6 PM ( <i>parking lot</i> )	Consumer ClothingSewing Fashion Revue	
FRIDAY AM, JUNE 16  Enter projects: 8:00 AM – 9:00 AM Judging: 9:15 AM	Aerospace Animal Posters Clowning Computer Home Environment Models People in my World Sports Tractor Safety Poster	Photography Communications- ( <i>Conference Room A</i> )	Genealogy
FRIDAY PM, JUNE 16  Enter projects: 11:30 AM-12:30 PM Judging begins: 12:45 PM	Cake Decorating Cupcake Decorating Collections Construction Replica Farm Scene Legos	Electric	
SATURDAY, JUNE 17 Judging begins: 9:00 AM	Fairground-West End-Outside 4-H Lawn & Garden Tractor Driving Contest 4-H Ag Tractor Maintenance Driving Contest		

## 2023 4-H FAIR WEEK JUDGING SCHEDULE

Miami County 4-H Fair: June 18-June 24, 2023

Sunday, June 18: Swine entered 7:00 PM-10:00 PM

Monday, June 19: Beef, Dairy Beef, Goat, Guinea Pig, Horse & Pony, Poultry, Rabbit, Sheep entered 6 AM-12 PM

	MONDAY JUNE 19	TUESDAY JUNE 20	WEDNESDAY JUNE 21	THURSDAY JUNE 22	FRIDAY JUNE 23	SATURDAY JUNE 24
<b>4-H PROJECT BUILDING</b>  Enter projects: 8 AM -10 AM  Judging begins: 10:15 AM	Aquatic Science Beekeeping Crops Floriculture Garden Plant Science Strawberry (Div.II) <i>*Bring 4-H Senior Displays</i>  <b>MINI 4-H</b> <i>*Closed judging</i>				4-H Fun Day 2:30 PM <i>(Machinery Field)</i>	4-H Livestock Released 6 AM – 12 PM  4-H Projects Released 11 AM – 1 PM
<b>POULTRY BARN</b>	Poultry Show 2 PM					
<b>SMALL ANIMAL BARN</b>				Guinea Pig Show 4:15 PM		
<b>RABBIT BARN</b>				Rabbit Show 5 PM		
<b>SHOW ARENA</b>	Dog Show 6 PM	Swine Show 8:30 AM Sheep Show 6 PM	Beef Show 9 AM Goat Show 5 PM	Dairy Show 9:30 AM	Royal Showmanship 7:30 PM	Livestock Auction 5:00 PM
<b>HORSE ARENA</b>				Horse & Pony Pleasure Class 9 AM Contesting 6:30 PM	Horse & Pony Fun Class 10 AM	
<b>ACTIVITY TENT</b>	Small Engines Enter projects: 8:00-10:00 AM Judging: 10:15 AM	Cat Show 3 PM Clogging Clovers 7 PM				
<b>COMMUNITY BUILDING</b>		Fashion Revue Consumer Clothing 7 PM				

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**Indiana 4-H Program Statement of Policy:** 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.

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

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

**4-H Pledge:** I pledge my head to clearer thinking, my heart to greater loyalty, my hands to larger service, and my health to better living, for my Club, my Community, my Country, and my World.

**4-H Emblem:** A green four-leaf clover with a white letter “H” on each clover leaf. The four H’s stand for Head, Heart, Hands and Health.


**4-H Colors:** Green & white are the 4-H colors. Green in the clover represents life, springtime, and youth. White represents purity.

**4-H Slogan:** The slogan “Learn by Doing” is a constant incentive to motivate 4-H’ers to strive toward acquiring new skills and knowledge.

**4-H Motto:** “To Make the Best Better” gives motivation not to be content with the present but always strive to make things better.

**4-H Program Year:** The Indiana 4-H Youth Development program year is October 1 to September 30 annually attained by completing individual 4-H enrollment at [in.4honline.com](http://in.4honline.com) starting October 1.

## Miami County Fair Committees

<b>General Operations</b> <b>President: Greg Hunt (765) 776-1040</b> <b>Vice President: Cody Eames (765) 226-0720</b>	<b>Budget/Financing</b> Greg Hunt Jill Sharp Greg Deardorff Troy Schipper
<b>Executive Board</b> <b>Chair: Greg Hunt (765) 776-1040</b> Cody Eames Jill Sharp Ranissa Oliver Heather Wildermuth Patty Willson	<b>Marketing</b> <b>Chair: Rusty Merritt (765) 432-6393</b> Jimmy Wilson
<b>Livestock Sales</b> <b>Co-Chair: Kelly Haupt (765) 469-8837</b> <b>Co-Chair: Daniel Mooney (765) 776-0810</b> <b>Co-Chair: Rusty Merritt (765) 432-6393</b> Jill Sharp Tyler Wilson Heather Wildermuth	<b>Director of Livestock Barns</b> <b>Overall: Daniel Mooney (765) 776-0810</b> Beef: Cody Eames (765) 226-0720 Dairy: Verlin Herschberger (765) 434-4011 Goats, Poultry, Rabbits: Ryan Parson (260) 571-0902 Horse & Pony: Caleb Smith (765) 470-2170 Sheep: Nathan Spence (317) 760-5045 Swine: Cody Dyer (765) 469-1914
<b>Outdoor Vendors</b> <b>Co-Chair: Jaxson Stage 765-470-3365</b> <b>Co-Chair: Cody Dyer 765-469-1914</b> Greg Deardorff	<b>Ag Adventure Barn</b> <b>Chair: Cody Dyer (765) 776-0810</b> Kameron Donaldson
<b>Ticket Sales</b> <b>Chair: Jill Sharp (765) 327-1323</b> Heather Wildermuth	<b>Kitchen &amp; Patio Food Sales</b> <b>Chair: Patty Willson (765) 776-1674</b> Cricket Brown Heather McKinley Ranissa Oliver Ryan Parson Nathan Spence
<b>Trophy</b> <b>Chair: Kelly Haupt (765) 469-8837</b> Jim Sharp Patty Willson	<b>Fair Office Coordinators</b> <b>Chair: Heather Wildermuth (574) 377-6724</b>
<b>Building &amp; Grounds</b> <b>Co-Chair: Jim Sharp (765) 473-2716</b> <b>Co-Chair: Cody Eames (765) 226-0720</b> Greg Hunt Nathan Spence Cody Dyer Rusty Merritt Sam Pier Jimmy Wilson	<b>Grandstands/Main Event</b> <b>Chair: Troy Schipper (260) 571-0731</b> Cody Eames Greg Hunt Verlin Herschberger Kameron Donaldson David Harmon Cody Dyer Jim Sharp Mark Weaver Caleb Smith
<b>Program/Fairgrounds Entertainment</b> <b>Chair: Ranissa Oliver (260) 330-3841</b> Kelly Haupt Rusty Merritt	<b>Camping</b> <b>Co-Chair: Ryan Parson (260) 571-0902</b> <b>Co-Chair: Jimmy Wilson (765) 860-5941</b> <b>Co-Chair: Jim Sharp (765) 473-2716</b> Sam Pier
<b>Advertising</b> <b>Chair: Rusty Merritt (765) 432-6393</b> Jimmy Wilson Jaxson Stage	<b>Speedway Committee</b> <b>Chair: Daniel Mooney (765) 776-0810</b> Cody Eames Rusty Merritt Greg Deardorff Caleb Smith Jim Sharp Mark Weaver
<b>Rules Committee</b> <b>Chair: Sharon Cooley</b> Troy Hattery Rusty Merritt Daniel Mooney Alyssa Case Kelly Haupt Amanda Wilson Tyler Wilson	



### **Miami County 4-H Clubs**

<u><b>Butler Busy Bees:</b></u>  Greg & Kelli Hunt 765-252-7632 Kelly Haupert Joy Weller	<u><b>Colorful Clovers:</b></u>  Crystal Ramos 765-475-0034 765-860-4392	<u><b>Deer Creek Do Rights:</b></u>  Tonya Smith 765-776-0902  Jini Barry	<u><b>East Pointe Achievers:</b></u>  Crystal Smith 765-985-3132	<u><b>Erie Eagles:</b></u>  Mandy Miller 765-461-5495 Rose Brown
<u><b>Fantastic 4-H'ers:</b></u>  NEED A LEADER	<u><b>Happy Workers:</b></u>  Marsha Neff 574-382-4501	<u><b>Jefferson Newcomers:</b></u>  Pamela Perry 574-721-4640 Amy Pearson	<u><b>Miami County Clogging Clovers</b></u>  Barb Fitzpatrick 765-985-2985	<u><b>Miami County Cottontails:</b></u>  Jennifer Bowman 765-470-2938
<u><b>Miami County Dairy Club:</b></u>  Amber Schipper 317-201-1386	<u><b>Miami Mighty Dogs:</b></u>  Bonnie Smith 765-438-4387	<u><b>Miami Riders:</b></u>  Kraig Burns 765-226-0984 Lori Robertson	<u><b>Perry Go Getters:</b></u>  NEED A LEADER	<u><b>Richland Risktakers:</b></u>  Jamie Carter  765-860-5926
<u><b>Southern Shooting Stars:</b></u>  Maryann McQuinn 765-475-3099	<u><b>Washington Square Deals:</b></u>  Rhonda Ballee 765-863-2516 Leyna Washburn			

### Scholarship Opportunities

Scholarship	Description	Eligibility	Due Date
4-H Club Scholarship	Must submit Record of Achievement, be in 4-H 4 years, & enroll in Purdue College of Ag or Health & Human Services at Lafayette campus. For more information go to: <a href="http://extension.purdue.edu">extension.purdue.edu</a> . Application is submitted through 4Honline.	Seniors	January 25
4-H Foundation	Based on 4-H experiences and what has been learned in 4-H. Four-page form required. For more information go to: <a href="http://extension.purdue.edu">extension.purdue.edu</a> . Application is submitted through 4Honline.	Seniors	January 25
Indiana 4-H Accomplishment	Based on what 4-H member has learned in specific projects. Cover letter & resume required. For more information go to: <a href="http://extension.purdue.edu">extension.purdue.edu</a> . Application is submitted through 4Honline.	10-12 grade	January 25
Laurenz Greene Excellence in 4-H Horticulture Scholarship	Applicant must be planning to pursue a Purdue University Department of Horticulture and Landscape Architecture undergraduate degree in one of the following program areas; Horticulture, Turf Management and Science, Sustainable Food and Farming Systems or Landscape Architecture. Must have studied at least four years horticulture and/or plant science related subject matter/project through Indiana 4-H Youth Development. For more information go to: <a href="http://extension.purdue.edu">extension.purdue.edu</a> . Application is submitted through 4Honline.	Seniors	January 25
Miami Co. 4-H Memorial Scholarship	Applicant must be a current Miami Co. 4-H member and must have been a 4-H member for a minimum of 7 years at the time of application. Applications are available in the Extension office.	Seniors	April 1
Miami Co. 4-H Fair Board Sara Ann Herrell Memorial Scholarship	Applicant must be a current Miami Co. 4-H member and must have been a 4-H member for a minimum of seven years at the time of the application. Applicant must also be a Miami County Livestock Auction participant in at least 1 of his/her 3 eligible years of 4-H.	Seniors	April 1
Miami Co. Farm Bureau Scholarship	Parent, guardian or applicant must hold a valid Miami Co. Farm Bureau membership. The applicant has been accepted at a college of choice with a focus on agriculture or an agriculture related field. Applications are available in the Extension office.	Seniors	April 1
Miami Co. Extension Homemakers Scholarship	\$250 scholarship to be paid to the university of an Indiana senior or student currently enrolled in college who is a child, grandchild or great grandchild of a current Miami County Extension Homemaker in good standing. Applications are available in the Extension office.	Seniors	April 1
Master Gardeners of Miami County Horticultural Scholarship	The purpose of the Master Gardener scholarship program is to help a high school or college student, whose permanent residence is Miami County and has declared the intent to study or is currently enrolled in an accredited college program in the field of horticulture or plant science. Related studies may include botany, landscape management, forestry, natural resources & environmental science.	Senior	April 1

## Indiana General 4-H Rules

**4-H Club Membership:** Youth may become 4-H members when they enter the third grade and may continue their membership through the completion of grade 12. An individual may continue membership for a maximum of ten (10) consecutive years. Exceptions: (1) Youth who enroll in grade three and are advanced academically (thus graduating early) may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years. (2) Those youth who are academically advanced and “skip” 3<sup>rd</sup> grade, may begin the program as a 4<sup>th</sup> grader and may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years. (3) Those youth who enroll in grade three and are retained a grade in school may continue to progress through the 4-H Program by adding subsequent years of participation, but MAY NOT exceed 10 years of participation. For example, if a member is retained one year in school (public, private, or home), their final year of 4-H membership would conclude the summer following their junior year of high school. (4) Those youth who entered the program in 3<sup>rd</sup> grade and for one reason or another leave formal education prior to the completion of 12<sup>th</sup> grade may continue for a total of 10 years ONLY if the enrollment occurs in consecutive years. NOTE: 10 years of membership in the 4-H Youth Development Program is an opportunity --- not an entitlement. Those youth who do not enroll as 3<sup>rd</sup> grade students or meet the exceptions above, conclude their involvement with the program during the summer immediately following the completion of their senior year in high school. An individual’s 4-H grade is determined by the school grade in which he or she is classified at the time of year he or she enrolls in 4-H. A member does not advance in 4-H grade until he or she enrolls in 4-H for the subsequent year. Each member should enroll in the division of a project/subject that would best suit his/her interest and potential for personal growth and would enhance their family involvement. Opportunities in the 4-H program are available to all Indiana youth as defined regardless of race, religion, color, sex, age, national origin, marital status, parental status, sexual orientation or disability. Married young men and women of 4-H age may participate in any of the 4-H projects and activities. However, married persons must participate by the same terms and conditions and/or guidelines as unmarried participants. Membership in 4-H is gained by annually enrolling through a Purdue University Cooperative Extension Service Office located in each of Indiana’s 92 counties. The Indiana 4-H Youth Development program year is October 1 to September 30 annually. Enrollment is an annual process attained by completing individual 4-H enrollment via the 4Honline enrollment process. Statewide 4Honline enrollment occurs annually, opening October 1.

**Mini 4-H Non-Competitive Policy:** Mini 4-H is a program designed to encourage positive development of children, Kindergarten through second grade. The goal of Mini 4-H is to help young children explore friendships outside the family; explore the way in which things work; practice both small and large muscle control; and think about the ways people work together on projects. The NON-COMPETITIVE learning environment for Mini 4-H includes: 1. Planned learning activities in which children are invited to be active and explore materials and ideas without the pressure of completing a specific product or exhibit. 2. Low adult/leader to child ratio that allows time for adults/leaders to provide individual, positive encouragement and assistance. 3. Simple, interesting activities that are fun. 4. Encouragement of children to participate in a group activity by sharing and or displaying their activity projects. 5. Rewards that are identical and/or ribbons of the same color for everyone. DO NOT JUDGE projects, but instead discuss them with the child. NOTE: Purdue University and the Indiana 4-H Youth Development Program do not support, endorse, or encourage 4-H programming for children prior to Kindergarten. 4-H Youth Development Extension staff members and 4-H Volunteers may not offer, or encourage others to offer, programming for children prior to Kindergarten.

**Residence:** Indiana youth typically enroll in 4-H Youth Development programs in the county or state in which they reside. However, individuals living in one county may join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single program year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment. If 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. Participation in 4-H related activities and events (i.e., judging, share-the-fun, and 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. Note: In a statement from our federal partner in Washington, D.C., the following statement appears: “Anytime there are procedures for exclusion of individuals from events which use the 4-H name there are potential challenges to enforcement of the exclusions. The challenges have a substantial potential to prevail

and they frequently result in negative publicity for the organization. Therefore, before choosing a policy of exclusion it is wise to evaluate the exclusion being considered, to be sure there is an overwhelming educationally based need for the exclusion". Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

**Behavioral Criteria for 4-H Events and Activities:** To 4-H members, volunteers, parents and the public: When attending, participating or acting on behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect rights of others, and to refrain from any conduct which may be injurious to the 4-H program. The following actions constitute misconduct for which persons may be subject to disciplinary penalties and/or dismissal from the program: (a) Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information. (b) Alteration or unauthorized use of 4-H records. (c) Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct. (d) Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity. (e) Failure to comply with directions of 4-H officials acting in the proper performance of their duties. (f) Inhumane treatment of 4-H animal projects. There are many opportunities for 4-H members, volunteers, parents and the public to participate in 4-H events and activities. When involved in such experiences, members, volunteers, parents and the public are expected to follow all rules and regulations as outlined by those responsible for the specific program or activity. In all such 4-H activities, the following constitute a violation of behavioral expectations: 1. Possession or use of fire crackers, gun powder, firearms, chemicals or other materials that can be used to create an explosive mixture. 2. Misuse of fire equipment or sounding a false fire alarm. 3. Having a guest of the opposite gender in your sleeping quarters. 4. Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person. 5. Theft of or malicious damage to property. 6. Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, or other dangerous substances. 7. Inappropriate displays of affection towards another person(s). 8. Inappropriate clothing or lack of clothing during the event or activity. 9. Lewd, indecent, or obscene conduct. 10. Unauthorized entry, use or occupancy of any facility. 11. Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others. When violations occur at out-of-county, district, area, state and/or national 4-H events, the following procedures will be followed. (a) The parents/legal guardians will be contacted to arrange transportation home for the violator(s) and (b) The local extension educator will be notified.

**Exhibition:** Exhibition of 4-H projects/subjects in local, county, or state exhibits/fairs is voluntary on the part of the exhibitor. The exhibition of 4-H projects/subjects provides 4-H members an opportunity to display their 4-H projects/subjects, enter competition, and participate in an educational/social environment with peers. With exhibition also comes the responsibility for abiding by all the terms and conditions pertaining to the respective 4-H project.

**Completion:** The completion of a 4-H experience may include a variety of options and must not be misinterpreted solely as exhibition of a project at a local, county, or state fair. There are several ways that a young person may participate in the 4-H Youth Development Program in addition to the club-based option. Participating in these 4-H opportunities enable the youth to build skills that will serve them well throughout their adult lives. Some of these participation options do not include the preparation of a specific exhibit by an individual that would be on display at a fair or similar event. In some cases, the youths' actual participation may be the final product that results in their completion of a year of 4-H. Some examples of this participation include working as a team to develop a robot for a workshop or challenge; completing a Spark Club experience; participating in State 4-H Band or Chorus; taking part in a science training or experiment; participating in an after school 4-H experience; etc. 4-H members are considered complete in their 4-H educational experience for the year when they have (1) completed the 4-H member enrollment process prior to the established and published date for enrolling; and (2) had an officially recognized 4-H volunteer/Extension Educator verify the existence of the completed project/subject or the member's participation in a 4-H educational experience. Additionally, 4-H members who participate in a club- or fair-based 4-H project/subject will submit a completed 4-H record sheet based on printed or web-based educational materials (used by Indiana 4-H Youth Development) prior to the established and published date. Though exhibiting in local, county, and state exhibits/fairs is not required for project completion, as it does not necessarily relate directly to content and skills learned in the development of the 4-H project, project exhibition is encouraged as a continuation of the educational experience. Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

**Grievance/Appeal Guidelines for County 4-H Program Issues: (Activities, Programs, Projects)***Revised 9/22*

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff or volunteers are not issues for which a grievance may be filed. 4-H volunteers are assigned by the 4-H Extension Educator. Concerns regarding 4-H volunteers or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)
2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.
3. The grievance process occurs in the county where the issue or concern arises and offers three opportunities for a concern to be heard and reviewed.
  - A. The grievance is initially heard by an unbiased, representative grievance subcommittee. It is the Purdue Extension Educator assigned to 4-H Programming who shall annually work with the chair of the county 4-H Council to determine this committee's membership to include the following individuals: one representative of the 4-H Council; two 4-H volunteers serving as a 4-H club organizational leader; one member of the County Extension Board; and one 4-H volunteer knowledgeable in the subject matter (project) of concern (this individual will vary dependent on issue raised with the grievance), one youth representative; and up to three community leaders. The Purdue Extension Educator assigned to 4-H shall convene the group.
  - B. The person filing the 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.

**Miami County 4-H Program Rules and Policies**

1. Official 4-H enrollment is completed at [v2.4honline.com](http://v2.4honline.com) from October 1 through May 15. All market steers (Beef & Dairy) must be entered [v2.4honline.com](http://v2.4honline.com) by May 15, 2023. All livestock must be entered [v2.4honline.com](http://v2.4honline.com) by May 15, 2023. All 4-H'ers showing/exhibiting at the Miami County 4-H Fair must register EACH project at [miamicounty-in.fairentry.com](http://miamicounty-in.fairentry.com) by May 15, 2023.
2. No exhibit may be entered in more than one division, except certain livestock classes. In a division requiring more than one item, all items must be exhibited by the same 4-H member.
3. Any 4-H member removing his/her livestock exhibit early without permission will forfeit all ribbons, trophies and awards. The project will be deemed incomplete and all sale rights will be forfeited. Sale rights include: selling in the auction, direct sale, and having an animal sent for butcher.
4. The 4-H Fair Board and 4-H Council does not assume any liability for loss or damage to any article, but the attendants will use all precaution possible to avoid any losses or damage.
5. Any 4-H member who willfully damages or destroys any property at the 4-H Fair will be sent home with his or her exhibits, will forfeit any ribbons and trophies which they may have won, and will not be allowed to show any exhibits that have not been entered up to this time.
6. All Verbal Communications projects will be judged and receive a ribbon. One Grand Champion will be selected from all Verbal Communications divisions.
7. No 4-H project may be advertised for sale by any 4-H member during the fair. Advertisement insignia on 4-H exhibitors while showing, and over the exhibits, is prohibited.
8. Projects not judged at the scheduled judging time, but brought to the fair to be exhibited, will receive a participation ribbon only.
9. Term limits will be imposed on judges in Miami County. A judge will be allowed to judge two (2) years in a row in a specific project area. A judge will be allowed to return to judge that same project after a one (1) year absence.

## Miami County 4-H Project Completion

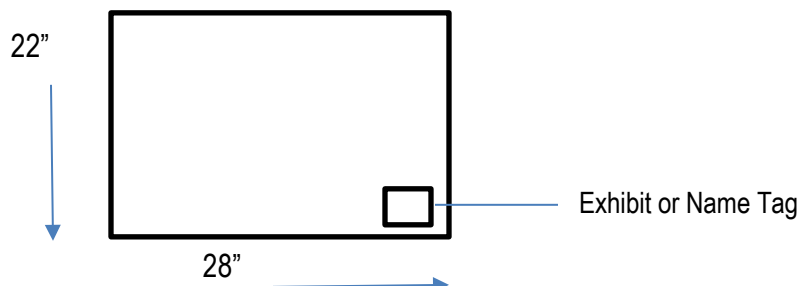
1. To be eligible for awards, the 4-H member must exhibit at the Miami County 4-H Fair as well as turn in a completed green record folder by Saturday of the fair.
2. Record sheets should be accurate and kept up to date. They must be initialed by the department superintendent or his/her assistant when projects are brought to be exhibited. **ALL RECORD SHEETS GO IN THE GREEN FOLDER WHICH IS TURNED IN AT THE EXTENSION OFFICE BY THE LAST DAY OF THE FAIR.**
3. A 4-H member is considered complete in their project work for the year when they have (1) completed enrollment by the established date and (2) turned in a completed 4-H project record sheet by Saturday, the last day of the fair.
4. 4-H members not turning in their **GREEN FOLDERS** with completed record sheets will not be considered for awards.
5. **Miami County 4-H Building Projects General Rules**
6. All pre-fair judging is open judging. This allows time for the 4-H member to talk one-on-one with the judge. After this initial step is completed, the judge will finish with the selection of Champions, Reserves, and State Fair entries in private.
7. Building projects not judged before the fair will be entered in the 4-H Project Building on Monday of the 4-H fair from 8:00 am to 10:00 AM. This is also open judging.
8. Each entry shall consist of the articles specified under exhibit requirements for each project as listed in the current Miami County 4-H Handbook. If project requirements are not met, exhibitor will receive one placement lower.
9. All 4-H projects must have been completed by the 4-H member since the previous year's fair. Exhibit tags will be provided for the exhibits the day the projects are judged.
10. For each project exhibited in the 4-H Building, a Champion and a Reserve Champion can be awarded, although judges are not required to award prizes to unworthy exhibits whether there is competition or not. If there is only one exhibit in a division, the placing will be made according to the judges' evaluation of the exhibit's quality. **ALL DECISIONS MADE BY 4-H JUDGES ARE FINAL.**
11. State Fair exhibitors will receive a State Fair ribbon in addition to other ribbons. A Grand Champion will be selected over all division in each 4-H Building project, with each Grand Champion receiving a trophy.
12. Ribbons will be attached to the 4-H member's project to be displayed during the fair.
13. **NO EXHIBITS IN THE 4-H BLDG WILL BE RELEASED UNTIL SATURDAY OF THE FAIR.** Adult leaders are responsible for all exhibits that are not picked up.
14. 4-H projects going to the State Fair may be transported at the discretion of the Extension Office as a service to the 4-H member and their family. Although the Extension Office takes great care not to harm a project, they will not be held responsible for any project damaged, lost, or stolen during transport.
10. For the SAFETY of all fair-goers, DO NOT INCLUDE any of the following in an exhibit:
  - A. Firearm or bows are not allowed to be exhibited.
  - B. Live ammunition is not allowed to be exhibited (no powder or primer).
  - C. Modern broadhead arrows are not allowed to be exhibited.
  - D. Arrows and arrowheads must be displayed in a case
  - E. Displays involving firearms, bows, knives, or any item that can be considered a weapon can only be exhibited as a photographic display on a poster or in a notebook.
11. To complete your 4-H year, you must turn in your green record folder. Be sure to complete all record sheets for projects taken and insert in your folder. Your 4-H Club Leader's signature is required on all record sheets. You will also get your record sheet initialed by your Superintendent as you check in your projects for judging. Turn in your green folder in by the last day of the fair.
12. If you have questions concerning specific projects, please call the Project Leader/Superintendent. \*State 4-H website for information & downloads: <https://extension.purdue.edu>

### **Notebook/Poster/Educational Display Guidelines:**

All posters, notebooks, and display boards **MUST** include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. It is recommended that the 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:

1. All posters must be 22" x 28" and displayed horizontally on foam core board or poster board. It may be any color.
2. All posters must have a stiff backing. You may use foam core board, heavy cardboard, or lightweight wood. Foam core boards are available for purchase at the Extension Office. (Mat board is not acceptable without a stiff backing).
3. All posters must be covered in clear plastic. Plastic sleeves are available for purchase in the Extension Office (poster size and salon print size).
4. Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
5. When designing your poster, you should consider: lines, shapes, textures, colors, and placement of items.
6. Pictures, graphics, and artwork are encouraged.
7. Make sure the poster accurately meets the guidelines and objectives of the activities in the manual.
8. Information printed directly off the web will not be accepted.
9. Materials included on the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he/she learned from their research and/or activities to create the poster.
10. Exhibit tag must be placed in the lower right-hand corner (unless otherwise specified in the project summary).
11. Failure to follow these guidelines will result in the exhibitor getting a participation ribbon only.



#### Notebook:

1. Needs to be a study 3 ring binder (with stiff covers) or a bound type notebook (with stiff covers). No report covers or similar styles.
2. Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual.
3. Information printed directly off the web will not be accepted.
4. Materials included in the notebook need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research and/or activities to create the notebook.
5. Work should include references where appropriate.
6. Pictures, graphics, and artwork are encouraged.

## MINI 4-H

Project Superintendent: RD & Melissa Duckwall (765)681-0866

State Fair Entry: No

Manual(s): Varies by project.	Record Sheet(s): Must be completed yearly.
<ul style="list-style-type: none"><li>• All Mini 4-H building projects will be entered for exhibition on Monday of the fair</li><li>• When signing up for the projects remember: The Mini 4-H member may enroll to bring 1 exhibit per category. Limit 2 livestock species per Mini 4-H member.</li></ul>	

1. Mini 4-H is an introduction to the 4-H program for children in grades K-2.
2. The Mini 4-H member will choose a project(s) from the list below and bring to judging.
3. The Mini 4-H member will receive a ribbon for finishing the project(s) and bringing it to the fair.
4. Record sheets should be inserted in the green folder. Although the green folder is not required to be turned in to the Extension Office, some Mini's like to practice doing so before joining regular 4-H.

**NOTE:** Due to space limitations, you may only exhibit one display per project. (Example: if you have more than one collection, pick the one that you would like to display).

### Mini 4-H Exhibit Options:

- **COLLECTIONS:** If you have started collecting something like pencils, toys, key rings, or anything else, you can display them in a box no larger than 16"x 10"x 2", or a binder notebook.
- **CRAFTS:** Learn to make a picture from instructions in the manual. You will frame and exhibit this picture.
- **FLOWERS-DIV I:** Learn to grow one (1) type of flower from seeds, or grow a houseplant. You will exhibit one (1) flower in a cup or small vase, or the houseplant.
- **FLOWERS-DIV II:** Learn to grow two (2) types of flowers from seeds (different from Div. I). You will exhibit an arrangement of these flowers in a cup or vase.
- **FOODS:** Learn basic kitchen rules and how to prepare a simple food you and your family will enjoy. Exhibit your choice; A) a peanut butter sandwich; B) a snack mix; C) two (2) marshmallow treat squares; D) two (2) bar, dropped, no-bake or molded cookies; E) two (2) pieces of candy/fudge; F) a poster (14" x 22" horizontally) you made that shows at least three (3) kitchen safety rules, the MyPlate food guide or how to properly set the table.
- **HEALTH:** Learn basic health & safety tips for you & your family. Exhibit your choice of; A) drawing or collage of people doing activities to be physically fit; B) drawing or collage of what your family does to spend time together working/playing; C) drawing or collage of what you might see on a bicycle outing with your family; D) first aid kit you put together; E) drawing or collage of people in health careers. Posters should measure 14"x22".
- **LIVESTOCK:** Mini 4-H'ers will be paired with a seasoned 4-H member that shows livestock: Beef, Dairy, Goat, Poultry, Rabbits, Sheep &/or Swine. The Mini 4-H'er will meet & help care for the 4-H member's animal. This is the animal that the Mini 4-H'er will show during the Mini Class held the same day as the Miami Co. Livestock Show. Pairing suggestions can be requested by the Mini 4-H member; however final pairings will be made by the Superintendent & their committee. More rules will be in the Mini Livestock manual. Limit 2 Livestock projects per Mini 4-H'er.
- **MODELS:** Learn to put together a model kit (snap-on kits are allowed), **or** make a model using any type of Lego®'s. Keep it simple. Store-bought Lego® kits may be used.

- **PET PROJECT:** Make a scrapbook about your special pet. Be sure to include the information list in your Mini 4-H project manual about your pet. Scrapbook should have no more than five (5) pages plus your information sheet and be in a 1-inch binder.
- **PHOTOGRAPHY:** Learn basic photography skills. You will exhibit your pictures on a poster.
- **SEWING-DIV I:** Learn a few basic stitches and how to sew on buttons. You will exhibit one (1) of the two (2) felt animals you make.
- **SEWING-DIV II:** Learn basic sewing tools, parts of sewing machines, and how to sew a straight line. You will exhibit a stuffed pillow.
- **WILDLIFE:** Learn about six (6) different animals and how they are important to nature. You will color the pictures of the animals and exhibit them on a 14" x 22" poster.
- **WOODCRAFT:** Learn how to put together a birdhouse, a birdfeeder, or other precut kit. You can purchase your kits wherever you choose; we do not have them for sale in the Extension Office. You will exhibit your finished wood item.

## AEROSPACE

Project Superintendent:

State Fair Entry: Yes

Manual(s): Level 1 (Grades 3-5) – *Lift Off*  
Level 2 (Grades 6-8) – *Reaching New Heights*  
Level 3 (Grades 9-12) – *Pilot in Command*

Record Sheet: 4-H-528-W  
Must be completed yearly.

### Project and Exhibit Requirements:

1. The 4-H Aerospace program provides youth with educational information about aerospace that develops projectskills (principles of flight, model rocket construction, model rocket safety) and life skills (decision-making, using science and technology, developing communication skills).
2. Each county will be permitted to send one rocket, remote control aircraft, or drone and one poster/display board in each grade category (3-5, 6-8, and 9-12) to the Indiana State Fair. Each county can send a maximum of six exhibits to the state fair, 3 rockets, remote control aircraft or drones and 3 poster/display boards.
3. No "Ready to Fly" (RTF) or E2X rockets are acceptable in the 4-H Aerospace project.
4. Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3pounds and considered an amateur rocket according to FAA regulations.
5. 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 the way references are listed.
6. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.

#### Level 1 (Grades 3-5) Exhibit one (1) of the following:

- a. Rocket of your choice. Estes Skills Level 1, 2, 3 or comparable difficulty. No prefinished, RTF or EX2 rockets. Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.
- b. Poster, display board on any topic in the manual (construct a paper airplane with a poster board explaining why you designed it the way you did).
- c. Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

#### Level 2 (Grades 6-8) Exhibit one (1) of the following:

- a. Rocket or other aerodynamic object of your choice. Estes Skills Level 2, 3 or comparable difficulty. No prefinished, RTF or EX2 rockets. Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.
- b. Poster display board on any topic in the manual (glider plane from page 18 with poster explaining design).
- c. Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and aerospace skills learned. Displaying the aircraft or drone is optional.

#### Level 3 (Grades 9-12) Exhibit one (1) of the following:

- a. Rocket of your choice, Estes Skills Level 3 or above, a box kite or other aerodynamic object of your choice which illustrates principles of flight. No prefinished or RTF rockets. Rockets that take an engine G or above are not permitted.
- b. Poster, display board on any topic in the manual (box kite from page 20, with poster explanation)
- c. 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 option.

## ANIMAL EDUCATION

Project Superintendent: Amber Schipper 317-201-1386

State Fair Entry: Yes (Cat, Dog, Poultry & Rabbit)

Manual(s): No Manual, this is a research type project.	Record Sheet: County Record Sheet, Must be completed yearly.
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### Project and Exhibit Requirements:

1. Complete record sheet, insert in green folder and turn in by the end of the fair.
2. Animal poster may be exhibited by any child enrolled in any of the animal species projects.
3. Animal posters have 5 categories of animal species from which you can choose to exhibit: Cat, Dog, Poultry, Rabbit and Other (open to any other animal species). Cat, Dog, Poultry and Rabbit posters are the only species eligible for State Fair consideration.
4. Animal posters will be divided into 3 levels:
  - a. Beginner (Grades 3-5)
  - b. Intermediate (Grades 6-8)
  - c. Advanced (Grades 9-12)
5. Create an educational poster based on any aspect of your respective animal species. All posters must follow poster requirements as described in the Miami County 4-H Building Projects General Rules under the Notebook/Poster/Education Display Requirements section.
6. 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

## AQUATIC SCIENCE

Project Superintendent: Maryann McQuinn (765)475-3099

State Fair Entry: No

Manual(s): Aquatic Science Packet	Record Sheet: County Record Sheet. Must be completed yearly
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1. Record sheets must accompany the exhibit at the time of judging, then insert in green folder and turn in by the end of fair.
2. Members must have cared for fish at least four weeks prior to the fair.
3. 4-H members may choose the division they wish to compete in for a maximum of three years in beginning and intermediate divisions, but may not go back to a lower level after advancing in divisions.
4. Due to space constraints, no aquariums over 15 gallons are to be displayed.
5. **FEEDING OF ANY AQUATIC SCIENCE PROJECTS MUST BE ARRANGED BY THE 4-H MEMBER DURING EXHIBIT WEEK.**

### FISH TANK DIVISION:

#### Beginning:

- Exhibit one fish or a pair of fish in a 2 ½ to 5-gallon tank.
- Use plain paper backing for the tank.
- Plants are optional.

#### Intermediate:

- Exhibit a community 5 to 10-gallon tank with a minimum of four fish. A community tank must contain at least two species of fish (not varieties of the same species).
- Use natural surroundings with the least number of artificial accessories.
- Gravel and background are required.
- Plants and lighting are optional.
- All equipment will be provided by the member.

**Advanced:**

Aquariums must have a theme, be labeled and fit into one of the following classes:

- Educational – contains a message to promote interest in the aquarium hobby.
- Beautiful Natural- use all-natural accessories.
- Arrange ornaments to create a pleasing image.
- No Gro-Lux, ultraviolet or colored bulbs permitted.
- Beautiful Artificial – use all **artificial** accessories.
- Arrange ornaments to create a pleasing image.
- In Aquarium Beautiful classes, no gro-lux, ultraviolet or colored bulbs permitted.
- Spawning 7 or more fry- must be fish the exhibitor has spawned.
- Tank size 10 to 15 gallons.
- Background and gravel required, but plants and lighting are optional according to your class.

**FISH BOWL DIVISION** (A bowl is a container, 1 gallon or less, without a filter.):

- Exhibit one or two fish in a bowl or Beta vase.
- Plants, gravel and backing are optional.

**AQUATIC ANIMAL DIVISION:**

- Exhibit one or two crustaceans or amphibians which reside in a water habitat.
- Tanks must be lidded and secured.
- NO exhibits over five gallons.
- Gravel, plants, and background are optional.
- **NO TURTLES** are to be shown.

**ARTS & CRAFTS**

Project Superintendent: Jim & Diana Vance (765) 461-1575

State Fair Entry: Yes

Manual(s): Arts & Crafts Packet	Record Sheet 4-H 618 (Craft Record Card) Must be completed yearly.
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1. 4-H Craft Exhibit rules will follow those outlined in the 4-H Arts & Crafts Manual. Crafts will be judged as following. Beginner (grades 3-5), Intermediate (grades 6-8), and Advanced (grades 9-12).
2. 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.
3. 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.
4. All arts and crafts exhibits must include a 4-H Craft Information Card. This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes and may not be returned to the exhibitor.
5. 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.

All Divisions: Create and exhibit one age/grade appropriate artwork.

## BAKE WITH A MIX

Project Superintendent:

State Fair Entry: No

Manual(s): Bake with a Mix Packet	Record Sheet: County Record Sheet and Recipe Card Must be completed yearly.
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1. This project is designed to allow the use of a purchased box or package mix as one of the ingredients in a recipe.
2. The exhibited product cannot be the result of using the standard ingredients and following the basic instructions with the mix.
3. The mix is to be used as a base with at least two added ingredients to create a **NEW** non-perishable product.
4. 4-H members may create their own recipe or use suggestions from a box or package mix, cookbook, or project manual.
5. **Recipes are required and should accompany the exhibit along with the completed record sheet. State Fair recipe cards are available at the Extension Office.** Highlight the additional products to the box mix. Print name, grade and product name on card. Cover card with cellophane, plastic or laminate.

**Grades 3-5:** Exhibit six cookies or six brownies on a disposable plate or foil covered cardboard. Members must exhibit a different product each year in this division.

**Grades 6-8:** Exhibit a different bread or cake product each year in this division. Exhibit entire product on a disposable plate or foil covered cardboard.

**Grades 9-12:** Exhibit a different baked product each year in this division. Check the manual for specific requirements.

## BEEKEEPING

Project Superintendent: Kim Walden (765) 469-0486

State Fair Entry: Yes

Manual(s): Beekeeping I – <i>Learning about the Honey Bee</i> Beekeeping II – <i>Working with Honey Bees</i> Beekeeping III– <i>Advanced Beekeeping</i>	Record Sheet: 4-H 571A-W; 4-H 586A-W; 4-H 593A-W; 4-H-NR-AT; 4-H-NR-M Must be completed yearly.
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Exhibit Introduction: Create an exhibit that shows the public what you learned in the beekeeping project this year. **Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed.** You can also use a creative sub title if you wish. 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.

Notes:

- There are no age 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 specifically 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 honey, cut comb and comb) must be collected since the previous county fair

### Exhibit Class Guidelines:

#### Educational Poster or Display (grades 3-12)

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

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

Exhibit one of the following:

Extracted Honey – 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.

Chunk Honey (comb in jar) – 2 one-pound jars (wide-mouth glass or clear plastic)

Cut-comb honey – 2 one-pound boxes (These are usually 4 ½" x 4 ½" in size).

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

Exhibit two of the four kinds of honey listed below:

Extracted Honey – 2 one-pound jars (glass or clear plastic)

Chunk Honey (comb in jar) – 2 one-pound jars (wide-mouth – glass or plastic).

Cut-comb Honey – 2 one-pound boxes. Boxes are usually 4 ½" x 4 ½"

size).  
Comb Honey – 2 sections (honey built by bees in frames of wood commonly called "sections". Boxes are usually 4 ½" x 4 ½" in size).

### BICYCLE

Project Superintendent: Maryann McQuinn (765) 475-3099

State Fair Entry: No

Manual(s): Bicycle 1 – <i>Bicycling for Fun</i> Bicycle 2 – <i>Wheels in Motion</i>	Record Sheet: County Record Sheet Must be completed yearly.
In case of inclement weather, only the written test will be administered.	

1. 4-H members will participate in a Bicycle Rodeo at the fairgrounds to be held before the fair.
2. ALL members are **required** to wear a bicycle helmet to participate in the 4-H Bicycle events.
3. 4-H members will always be judged on safety while on the contest site: before, during, and after the contest operation.
4. Complete record sheet, insert in green folder & turn in by the end of fair.
5. Levels: Junior Division (Grades 3-7) and Senior Division (Grades 8-12)

The Bicycle Rodeo will consist of four sections:

- Written exam with questions drawn from the Bicycle Manual
- Maintenance and safety check of sample bicycle
- Identification of bicycle parts, tools, and accessories
- Obstacle course participation

## CAKE DECORATING

Project Superintendent: Carmen Kuhn (260) 568-0157

State Fair Entry: Yes

Manual(s): *The Wilton Method of Cake Decorating Student Guide 1*  
*The Wilton Method of Cake Decorating Student Guide 2*  
*The Wilton Method of Cake Decorating Student Guide 3*

Record Sheet: 4-H 710A-W  
Must be completed yearly.

1. The cake decorating subject provides skills-based educational experiences that provide an opportunity for mastery before building on that experience to develop more advanced skills. This subject area is divided into three levels: Beginner (Grades 3-5), Intermediate (Grades 6-8), and Advanced (Grades 9-12). While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an appropriate level the following year.
2. Skills and techniques demonstrated should be age/grade appropriate. While it is not to say a beginner level member cannot master an advanced level skill, it would be rare and unique. Therefore, exhibited cakes must demonstrate the minimum five techniques from their given level outlined in Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A, but may also include higher/lower-level techniques that have been mastered. Any higher/lower-level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality.
3. 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.
4. When displaying a cut-up cake or tiered cake, the exhibitor must include a diagram and description indicating how the cake was assembled. This diagram and description can be attached to or written on the skills sheet. All exhibits must include a completed Cake Decorating Skills Sheet (4-H 710) and must accompany the cake for the judge's reference during judging.

### **Beginner Level (Grades 3-5):**

Cakes must be on a cake board approximately 3/8" thick and 2-4" larger than the cake. For example, if the cake is 8" in diameter, then the cake board must be 10-12" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the beginner level are to be a single tier/layer, no more than 5" tall, and may be round, square, or rectangular and the cake board is to be no more 12"x12". A minimum of five beginner level skills are to be demonstrated. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

### **Intermediate Level (Grades 6-8):**

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

### **Advanced Level (Grades 9-12):**

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

## CHICKEN BARBECUE

Project Superintendent: Lee Ann Smith (765) 437-7366

State Fair Entry: Yes (entered as a POULTRY POSTER)

Manual(s): 4-H Barbecue Packet	Record Sheet: 4-H 304A Must be completed yearly.
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1. Learn the proper methods and techniques for barbecuing chicken.
2. Exhibit a 22" x 28" poster or display board showing your project in action.
3. Complete record sheet, insert in green folder & turn in by the end of fair
4. All posters must follow poster requirements as described in the Miami County 4-H Building Projects General Rules under the Notebook/Poster/Education Display Requirements section.
5. Levels: Beginner (Grade 3-5), Intermediate (Grade 6-8), Advanced (Grade 9-12)
6. Posters should include information about the nutritional value of your meal, recipes, picture or illustrations of you grilling and/or healthy habits to use when cooking with poultry products.

## CHILD DEVELOPMENT

Project Superintendent: Karen Byrum (574) 709-9903

State Fair Entry: Yes

Manual(s): <ul style="list-style-type: none"><li>• Level A: <i>Building a Bright Beginning</i></li><li>• Level B: <i>Building Blocks of Learning</i></li><li>• Level C: <i>Building a Strong Foundation</i></li><li>• Level D: <i>Building Relationships Toward a Brighter Tomorrow</i></li></ul>	Record Sheet: 4-H-973A-W, 4-H-974A-W, 4-H-975A-W, 4-H-976A-W Must be completed yearly. 5" x 8" or larger activity card with exhibit
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1. 4-H members should complete three activities each year in the Child Development manual, each from a different chapter.
2. Poster:
  - 22" x 28" poster board displayed horizontally
  - Stiff backing with clear plastic covering
  - Identification label in lower right corner of poster giving name of 4-H member, club, grade, and year in project
3. Binder Notebook:
  - Identification label on front of binder giving name of 4-H member, club, grade and year in project
  - Title page inside binder naming activity (or activities in Level C & D)
  - Pages of activity and explanation to follow title page
  - Photographs are helpful to show the activity being used or assembled
  - Optional: Plastic sheet protectors, page decorations, binder cover decoration, etc.
4. Display:
  - May be table top or floor style, not to exceed 36" x 36" x 36" (Display may include item(s) made in the activities you completed this year.)
  - Must be self-supporting to be viewed by the public

### Level A (Grades 3-4) Exhibit one of the following:

- a. Choose one activity that you completed in this level. Design a 22" x 28" poster or a binder notebook that shows or tells what you did with this activity.
- b. Create a display no larger than 36" x 36" x 36" using one of the activities from your project manual. Complete an activity card and attach it to the exhibit. A sample Activity card is on page 40 of the Child Development Manual. Use a 5" x 8" index card or larger cardstock to create your card.
- c. Action Demonstration

**Level B (Grades 5-6)** Exhibit one of the following:

- a. Choose one activity that you completed in this level. Design a 22" x 28" poster or a binder notebook that shows or tells what you did with this activity.
- b. Create a display no larger than 36"x 36" x 36" using one of the activities from your project manual. Complete an activity card and attach it to the exhibit. A sample Activity card is on page 40 of the Child Development Manual. Use a 5" x 8" index card or larger cardstock to create your card.
- c. Action Demonstration

**Level C (Grades 7-9)** Exhibit one of the following:

- a. Design a 22" x 28" poster on one activity you completed in your manual or one that promotes physical, emotional or cognitive skills.
- b. Display a binder notebook that includes the information from one of the activities you completed this year.
- c. Create a display no larger than 36"x 36" x 36" using one of the activities from your project manual or one that promotes physical, emotional or cognitive skills. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40 of the Child Development Manual. Use a 5"x8" index card or larger cardstock to create your card.
- d. Action Demonstration

**Level D: Grades 10-12** Exhibit one of the following:

- a. 22" x 28" poster on one (1) activity you completed in your manual or one that promotes physical, emotional, or cognitive skills.
- b. Display a binder notebook that includes the information from one of the activities you completed this year.
- c. Create a display no larger than 36"x36"x36" using one of the activities from your project manual or one that promotes physical, emotional, or cognitive skills. Complete an activity card and attach it to the exhibit. A sample Activity Card is on page 40 of the manual. Use a 5" x 8" index card or larger cardstock to create your card.
- d. Action Demonstration

**CLOGGING**

Project Superintendent: Barb Fitzpatrick

State Fair Entry: No

Manual(s): None	Record Sheet: County Record Sheet Must be completed yearly.
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1. Attend at least 75% of the Clogging Classes.
2. Perform at the fair.
3. Complete a 4-H Clogging record sheet, insert in green folder & turn in by the end of fair.

## CLOWNING

Project Superintendent: Maryann McQuinn (765) 475-3099

State Fair Entry: No

Manual(s): Miami County 4-H Cloning Project	Record Sheet: County Record Sheet Must be completed yearly.
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1. Each 4-H member will start in Division I regardless of age and move up a division each year.
2. **ALL DIVISIONS:** There will be a fee for makeup and supplies.
3. Complete record sheet, insert in green folder & turn in by the end of the fair.
4. Each 4-H member will: Complete a costume; create one to two walk-a-rounds (gags); participate in two visits to a nursing home, hospital or charity function; participate in one parade or "clown" at the 4-H Fair for two hours; attend at least half of the workshops to learn make-up and clowning skills.

**Division I:** Make and exhibit a poster with the title "What is a Clown?"

**Division II:** Make and exhibit a poster titled "My Make-Up and Costume".

**Division III:** Make and exhibit a scrapbook or photo album containing the following items:

- a. Explanation of your clown type
- b. Explanation on how you do your make-up
- c. Pictures/samples of costume

**Advanced Division:** Make and exhibit a scrapbook or photo album including items in Division III AND write a skit using pictures with details of clowning each year in the Advanced Division

## COLLECTIONS

Project Superintendent: Rhona Ballee (765)863-2516

State Fair Entry: No

Manual(s): Miami County Collections	Record Sheet: County Record Sheet Must be completed yearly.
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1. Exhibit should be attractively displayed and easily moved.
2. Exhibit should not exceed 3"x3"x3".
3. Write new Collections Record, My Collection Story, and Collections Questions Sheets. Keep information from all years in a 3-ring binder to be exhibited with the project.
4. Complete record sheet, insert in green folder & turn in by end of the fair.
5. Because the Fair Board cannot guarantee security against theft, it is highly recommended that 4-H member with valuable collections bring their project for judging and leave a photographic essay (collection of pictures) displayed in their 3-ring binder in place of their project.

**Grade 3-5:** Exhibit a portion or example of the collection.

**Grade 6-8:** Exhibit a new collection or add to a previous collection.

**Grade 9-12\*:** Exhibit a new collection or add to a previous collection.

**\*NOTE:** Members receiving Champion in Grades (9-12) must exhibit a new collection.

## COMMUNICATIONS

Project Superintendent: Joy Weller (765) 469-6657

State Fair Entry: Yes

Manual(s): *Communications Module 1 (Grades 3-5), Beginner*  
*Communications Module 2 (Grades 6-8), Intermediate*  
*Communications Module 3 (Grades 9-12), Advanced*

Record Sheet: 4-H-528-W  
Must be completed Yearly

### 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.

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

### Verbal Communication Events

The following verbal communication events and activities are offered to 4-H members as a way to teach presentation and public speaking skill development. They are often used in 4-H meetings, and a county 4-H youth development program may choose to offer these as competitive events. The demonstration, informative presentation, professional persuasive presentation and public speaking are competitive events at Indiana State Fair.

The following apply to all state fair communication events:

- Members may use a PowerPoint, Prezi, or other digital presentation, signs, and other props that will enhance their presentation when giving their how-to demonstration to the audience from a stage or stage-like setting.
- If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard HDMI external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available at state fair.
- Live animals are not permitted at state fair.
- There is no interaction with the audience.
- Questions may be asked of the contestants by the judges following the presentation.
- Events that have a team category, it is for two (2) people and will be determined by the highest-grade level of any member of that team. If a team is awarded the State Fair Achievement Trip, only those team members in grades 9-12 will be permitted to attend the trip.
- The State Fair Achievement Trip may be awarded in each event to a maximum of the top three (3) blue merit senior individual members and top (1) blue merit senior team at the discretion of the judges. Trip winners must be of blue merit quality.

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

**Demonstration:**

- All 4-H members are encouraged to present a demonstration at their club or county level.
- This contest allows the 4-H member to show the audience step-by-step procedures how-to-do something related to any 4-H project.
- Examples of a demonstration include how to take a prize-winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.
- Junior members (grades 3-8) have 5-7 minutes to present their demonstration, while senior members (grades 9-12) will present their demonstration in 5-10 minutes.
- Categories will be Junior Individual, Senior Individual, Junior Team, and Senior Team.

**Informative 4-H Presentation:**

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

**Professional Persuasive Presentation:**

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

**Public Speaking:**

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

## Creative Writing:

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

## Creative Writing Exhibit Class Guidelines:

- **Beginner (grades 3-5 suggested)**  
Create and exhibit one age/grade appropriate item. While length or word count is not required, one-page or 250 words is appropriate for most beginners.
- **Intermediate (grades 6-8 suggested)**  
Create and exhibit one age/grade appropriate item. While length or word count is not required, two-page or 500 words is appropriate for most intermediate members.
- **Advanced (grades 9-12 suggested)**  
Create and exhibit one age/grade appropriate item. While length or word count is not required, more than three pages or more than 750 words is appropriate for most advanced members.

## **COMPUTER**

Project Superintendent: Maryann McQuinn (765) 475-3099

State Fair Entry: Yes

Manual(s): <i>Level 1: Discovering Computer Science &amp; Programming through Scratch- Fundamentals</i> <i>Level 2: Discovering Computer Science &amp; Programming through Scratch- Explorations</i> <i>Level 3: Discovering Computer Science &amp; Programming through Scratch- Recursion</i>	Record Sheet: County Record Sheet Must be completed yearly.
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There are three exhibit grade level divisions; Grades 3-5, Beginner; Grades 6-8, Intermediate; and Grades 9-12, Advanced. Exhibits are to be skill appropriate for the member's grade level.

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, screenshots showing the development and final project, etc. as the exhibitor will not be able to discuss their work with a judge. Poster exhibits 22"x28" or freestanding 3-dimensional display boards no larger than 36"x36" may be submitted. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic. Subject categories are:

- Block Based Programming
- Text Based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design and Computer Art
- Robotics

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

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

### **Block and Text based Programming:**

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

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

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

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

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

Intermediate Grades 6-8 – Create a program using 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
- Any other similar skill

Advanced Grades 9-12 – 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:

- More robust demonstration of Intermediate Skills
- Parameters
- Recursion
- Interact with databases
- Classes
- Objects
- Methods
- Inheritance
- Integrate multiple languages into one system
- 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 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 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 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

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

**Digital Citizenship:**

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

## **Hardware and Networking Design/Install/Repair:**

Beginner – Grades 3-5 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Deconstruct and reconstruct a computer
- Learn and report how binary works and how computers use numbers
- Troubleshoot hardware problems
- Explore operating systems
- Investigate open-source resources
- Install/upgrade operating systems
- Design a dream machine (give reasons)
- Any other similar design/install/repair

Intermediate – Grades 6-8 – Choose 1-2 items from the list and create a report/presentation (including images) of what you did.

- Identify network hardware
- Design a computer network
- Explain Internet Protocol
- Explain different types of servers
- Use different protocols to communicate
- Add peripherals to a network
- Secure a networked computer
- Share applications simultaneously
- Setup a Raspberry Pi or other micro-controller
- Any other similar design/install/repair

Advanced – Grades 9-12 – Choose one or two items from the list and create a report/presentation (including images) of what you did.

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

## **Graphic Design and Computer Art**

Youth are to use a software program to create or design an item that requires graphic design or artistry. The name of the software and version is to be included with the exhibit. Exhibits are to be age/grade appropriate. Ideas include, but are not limited to, the following:

- Logo design
- T-shirt or apparel screen printing design
- Promotional brochure
- Marketing materials
- Computer generated art
- Computer altered photographs/images – Photographs taken by the 4-H member and altered by the 4-H member using a computer are to be entered in the Photography project as a creative/experimental exhibit. Youth must obtain permission from the owner before altering someone else's photograph/image and include a copy of that permission with the exhibit to insure there is no copyright violation.
- Robotics
- Suggested exhibits include, but are not limited to, a notebook including a printout of code with requirements marked, a flowchart showing how the robot works, images of the robot being built and the final robot in action, a video, a live demonstration, or other applicable exhibits.

### Beginner – Grades 3-5

- Create a flowchart
- Build a robot
- Use block or text-based program to operate
- Sequential programs
- Events at beginning
- Use at least one basic sensor
- Model and demonstrate robot behaviors using a simulation environment

### 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

## CONSTRUCTION & ARCHITECTURAL REPLICA

Project Superintendent: Jim and Diana Vance (765)461-1576

State Fair Entry: Yes

Manual(s):	Record Sheet: 4-H-528-W Must be completed yearly
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### Description:

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

### Exhibit Guidelines:

Exhibits can include farm scenes, town models, building replicas, or similar items and can be constructed from building blocks (Lego), erector sets, or other materials. The product should be constructed to scale as much as possible. Consider adding a clear cover to protect the exhibit while being displayed to the public. This exhibit will most likely be displayed on an 8' long table top with two or three exhibits per table.

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

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

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

### Exhibit Class Guidelines:

#### Beginner (grades 3-5)

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

#### Intermediate (grades 6-8)

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

#### Advanced (grades 9-12)

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

## CONSUMER CLOTHING

Project Superintendent: Tonya Smith (765) 776-0902

State Fair Entry: Yes

Manual(s): <i>Beginner</i> <i>Intermediate</i> <i>Advanced</i> <b>Notebooks turned in on Monday of the fair by NOON to the extension office and judging will be Tuesday, June 20 at 7pm.</b>	Record Sheet: 4-H-751-W Must be completed yearly.
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1. Complete record sheet & insert in green record folder. Have the superintendent initial it before turning it into the Extension Office. You will leave your notebook and outfit with the Superintendent after judging. Bring your completed Fashion Revue questionnaires to the judging.
2. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit the way references are listed.
3. For personal safety concerns, notebooks exhibited should only contain name, county, grade, level and club, and no personally identifiable information such as mailing address or phone number.

### Exhibit Guidelines:

Youth will be expected to model their purchased outfit and accessories at the county level. Modeling at state fair is limited to only the advanced level and will be judged separate from the notebook.

### Exhibit Class Guidelines:

#### Beginner (Grades 3-5)

Complete one activity from each group in the manual and share your results or answers in a notebook, labeling each activity. With help from a parent or mentor, purchase an item of clothing that you'll wear with other clothes in your wardrobe. Examples might be slacks, blouse, jeans, shirt, sweater, or sweatshirt. Choose an accessory to go with your purchase. Accessories could be shoes, sweatband, belt, jewelry, socks or similar item.

#### Intermediate (Grades 6-8)

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

#### Advanced (Grades 9-12)

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

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

## **CROPS**

Project Superintendent: Jesse Million (765) 226-0142

State Fair Entry: No

Manual(s): <i>How an Alfalfa Plant Develops</i> is distributed the 1 <sup>st</sup> year in the project <i>Indiana 4-H Corn Project</i> (Grades 3-7) <i>Corn Growth</i> (Grades 8-12) <i>The Soybean Project</i> is distributed the 1 <sup>st</sup> year in the project <i>The Small Grains Project</i> is distributed the 1 <sup>st</sup> year in the project	Record Sheet: 4-H 626W, Crop Information Card Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by end of the fair.
2. Grain crops are to be exhibited with an information card containing planting date, maturity, population and damage report (if applicable).
3. Levels: Junior (Grades 3-7) or Senior (Grades 8-12)

## ALFALFA

- Exhibit one slab in clear plastic.

## CORN

- Exhibit three stalks with washed roots in a bucket of water.
- **Or** exhibit suggestion from the project book.

## OATS

- Exhibit 8 pounds of grain (one peck) in a plastic container.
- **Or** exhibit an 8-inch bundle of stalks with washed roots in a bucket of water.
- **Or** exhibit suggestion from the project book.

## SOYBEANS

- Exhibit three plants with washed roots in a bucket of water.
- **Or** exhibit suggestion from the project book.

## WHEAT

- Exhibit 8 pounds of grain (one peck) in a plastic container.
- **Or** exhibit an 8-inch bundle of stalks with washed roots in a bucket of water.
- **Or** exhibit suggestion from the project book.

## CUPCAKE DECORATING

Project Superintendent: Carmen Kuhn (260) 568-0157

State Fair Entry: No

Manual(s): *Cupcake Decorating Packet*

Record Sheet: 4-H 710 completed yearly

### **ALL DIVISIONS:**

1. Exhibit project on a solid base (i.e., cardboard or wood) that is approximately 3/8" thick and is no more than 3 inches larger than cupcake display. Boards should be covered.
2. Cupcakes must be attached to the exhibit as to not allow them to be picked up.
3. Icing must be used in your project. Cupcakes will not be judged on taste.
4. All cupcakes exhibited must meet the specific level requirements (no more, no less) or they will be scored down a ribbon.
5. Styrofoam dummy cupcakes are an option if an exhibitor does not want to use real cake.

### **BEGINNER (Grades 3-5):** *Display 6 individually decorated cupcakes, all decorated alike, in uniform appearance.*

- a. All items used for decorating must be edible. Added sprinkles, candies, or cookies may be used.
- b. Cupcakes must be displayed in a single layer on a solid surface, not to exceed 16 x 16 inches in exhibit size.

### **INTERMEDIATE (Grades 6-8):** *Display 6-16 cupcakes decorated in a theme*

- a. Cupcakes may be decorated individually or as a group if the theme is carried out in your display.
- b. Cupcake display area must not exceed 18 x 18 x 24 inches in exhibit size. Cupcakes must be presented on a solid base in a single layer.
- c. All decorations must be edible. Top may be smooth or decorated with added edible sprinkles, candies, cookies, etc., that incorporate with your theme NO artificial items may be used.

### **ADVANCED (Grades 9-12):** *Display 12-24 cupcakes or more decorated in a theme.*

- a. Cupcakes may be decorated individually, or as a group if the theme is carried out in your display.
- b. Cupcake display area must not exceed 24 x 24 x 18 inches in size. No matter display, your cupcakes must be presented on a solid base.
- c. Artificial items may be used in this division ONLY.

## DAIRY FOODS

Project Superintendent: Lee Ann Smith (765) 437-7366

State Fair Entry: No

Manual(s): Dairy Foods Project	Record Sheet: County Record Sheet and recipe card Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by end of the fair.
2. Entries may be individual or family size servings.
3. Highlight the dairy products used on the recipe card before laminating or covering with plastic. Dairy substitutes may NOT be used – including toppings.
4. Label the food container bottom with your name and 4-H club.
5. Place setting and/or display to complement the exhibit will be part of the judging.
6. *Judging order will be by Level beginning with A; then by Main Dish, Salad, Dessert, Drink and Snack.*

**Level A: (Grades 3-4):** Exhibit one product using one or two dairy products.

**Level B: (Grades 5-6):** Exhibit one product using two or three dairy products.

**Level C: (Grades 7-9):** Exhibit one product using four or more dairy products.

**Level D: (Grades 10-12):** Exhibit one complete meal using at least six dairy products.

## ELECTRIC

Project Superintendent: Anthony Lorenz (765) 244-7171

State Fair Entry: Yes

Manual(s): <i>Book 1: Magic of Electricity</i> <i>Book 2: Investigating Electricity</i> <i>Book 3: Wired for Power</i> <i>Book 4: Entering Electronics</i>	Record Sheet(s): 4-H-421A-W; 4-H-421B- W; 4-H-422a-W; 4-H-422B-W; 4-H-423A-W; 4-H-1000A-W; 4-H-425A-W Must be completed yearly.
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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.

Posters are to be 22" x 28" and displayed horizontally and placed in clear plastic sleeve or covered with a 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.

**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.**

### Exhibit Class Guidelines:

#### Electric Level 1 (1<sup>st</sup> year in Electric)

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

### Exhibit Suggestions:

- **Circuit board** – 6" by 6" of Series/Parallel Circuit
- **Electromagnet**
- **Galvanometer**
- **Poster board** (22" by 28")
- **Display** (appropriately sized for displayed equipment)
- **Notebook/Report** that covers any topic that is in the National 4-H Electric Curriculum *Electricity Excitement* Book 1 or *Investigating Electricity* Book 2, Purdue Extension website Level 1 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart.

### Electric Level 2 (2<sup>nd</sup> year in Electric)

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

### Exhibit Suggestions:

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

### Electric Level 3 (3<sup>rd</sup> year in Electric)

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

### Exhibit Suggestions:

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

#### **Electric Level 4 (4<sup>th</sup> year in Electric)**

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

#### **Exhibit Suggestions:**

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

#### **Electric Level 5 (5<sup>th</sup> year or more in Electric)**

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

#### **Exhibit Suggestions:**

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

## ENTOMOLOGY

Project Superintendent: Kortney Stroud (765) 473-1018

State Fair Entry: Yes

Manual(s): <i>Entomology Level 1</i> <i>Entomology Level 2</i> <i>Entomology Level 3</i> <i>How to Study, Collect, Preserve and Identify Insects (1 copy/family)</i> <i>How to Make an Awesome Insect Collection (1 copy/family)</i>	Record Sheet(s): 4-H-763C-W Must be completed yearly.
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### Educational Exhibit Guidelines:

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

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

### Collection Exhibit Guidelines:

Collections are to include the following:

- Title as Insect Collection
- Order
- Display – mounted insects are to have been legally and personally collected in the United States and displayed in an 18"x24" collection box displayed horizontally. Collections including multiple boxes are to be numbered 1 of 3, etc. ID 401 A-F cards (for grades 3-8) and 401-I cards (for grades 9 – 12) are to be placed inside the display box in an attractive manner.
- Identification – Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
- Pin Labels – Each pin or vial must contain two labels:
  - 1) Top label is to include collection date, location, and collector name.
  - 2) Bottom label is to include common name and other optional identification data.
- Box Labels – Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID- 401. If family level identification is required, the insects should be further grouped together under the correct family label.
- Educational Box – One additional box (educational), based on the specific theme (see chart below), is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).

**Beginner (1<sup>st</sup>-3<sup>rd</sup> Year in Entomology)**

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

**Intermediate (4<sup>th</sup>-6<sup>th</sup> Year in Entomology)**

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

**Advanced (7<sup>th</sup>-10<sup>th</sup> Year in Entomology)**

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

Year in Entomology	Collection Information	Total Boxes
7 <sup>th</sup> year	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect behavior. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
8 <sup>th</sup> year	80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insect pest management. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
9 <sup>th</sup> year	90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: insects in the environment. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
10 <sup>th</sup> year	100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box, theme: benefits of insects. Include card ID 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3

## FARM SCENE

Project Superintendent: Rhoda Ballee (765)863-2516

State Fair Entry: No

Manual(s): <i>Farm Scene Packet</i>	Record Sheet: Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Levels: Grades 3-5, Grades 6-8 and Grades 9-12
3. Project must be exhibited on plywood in a covered display box no bigger than 24" Wx48" Lx24"H (Grades3-5) or 48" Wx48" Lx24"H (Grades 6-12).
4. Exhibit a farm scene display.

### Grades 3-5

- Exhibit a farm display no bigger than 24" W x 48" L x 24"H depicting a **farm scene**. You may include, but are not limited to animals, barns, shelters, trees, fences, farm equipment, etc. Complete the Farm Scene record sheet and add to your green folder after judging.

### Grades 6-8

- Exhibit a farm display no bigger than 48" W x 48" L x 24"H depicting a **farm scene**. You may include, but are not limited to animals, barns, shelters, grain bins, trees, fences, farm equipment, etc. Complete the Farm Scene record sheet and add to your green folder after judging.

### Grades 9-12

- Exhibit a farm display no bigger than 48" W x 48" L x 24"H depicting a **farm scene**. You may include, but are not limited to animals, barns, shelters, grain bins, trees, fences, farm equipment, trains, cars, trucks, etc. Complete the Farm Scene record sheet and add to your green folder after judging.

## FINE ARTS

Project Superintendent: Jim and Diana Vance (765)461-1576

State Fair Entry: Yes

Manual(s):	Record Sheet: 4-H-618 and 4-H-618A Must be completed yearly
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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)

- Create and exhibit one age/grade appropriate artwork.

Intermediate (grades 6-8)

- Create and exhibit one age/grade appropriate artwork.

Advanced (grades 9-12)

- Create and exhibit one age/grade appropriate artwork.

## FLORICULTURE

Project Superintendent: Kim Walden (765) 469-0486

State Fair Entry: Yes

Manual(s): <i>Floriculture: Level A</i> <i>Floriculture: Level B</i> <i>Floriculture: Level C</i> <i>Floriculture: Level D</i>	Record Sheet(s): 4-H-966a-W; 4-H 967C; 4-H-967a-W; 4-H-968a-W; 4-H 969C; 4-H-969a-W Must be completed yearly.
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1. Complete your activity & record sheets, insert in green folder & turn in by end of the fair.
2. Note to youth exhibitors: Each Level (A, B, C, D) of the Floriculture project serves more than one grade. You should do a DIFFERENT activity and exhibit each year that you are in the project. For example, if in 3<sup>rd</sup> grade you display a simple bud vase (category 1), in 4<sup>th</sup> grade you should choose a poster/ notebook option or flower/plant exhibit (categories 2, 3, or 4). You should pay special attention to size guidelines for Flower and Plant Exhibits. Instructions for exhibits and related activities can be found in the 4-H Floriculture student manuals.
3. 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 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.

### Level A (Grades 3-4)

Flower/Plant Exhibit Categories choose one of the following options:

- Create flower arrangement in a simple bud vase, provide your own vase, from cut flowers you grew in your garden.
- Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **1-3 stems** of a main flower, along with appropriate amount of filler flower and greenery.
- Create flower arrangement in a simple bud vase, provide your own vase, from fresh flowers you purchased.
- Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **1-3 stems** of a main flower, along with appropriate amount of filler flower and greenery. Flowers should be in their natural state, and not wired for display.
- Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you purchased. Including the vase or container, it must be no larger than 12" x 12".
- Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you grew. Including the vase or container, it must be no larger than 12" x 12".

Poster or Notebook Exhibit Categories choose any one of the following topics:

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

Demonstration: Each exhibitor may also choose to do a demonstration related to a topic covered in Level A

## Level B (Grades 5-6)

Flower/Plant Exhibit Categories choose one of the following options:

- Display a mixed planter than may include herbs with foliage plants and/or flowering plants. The planter should include three or more kinds of plants and have been planted at least two months before the fair. The container exhibit space must not exceed 18" x 18" (height will be variable). Must include **4-H 967C "Level B Plant Record"** chronicling the care of your plant.
- Make an item with dried herbs or dried flowers that you grew yourself. Examples of items to exhibit are, but not limited to a dried flower product or a simple dried arrangement in a container. (Exhibit not to exceed 18" X 18").
- Display one house plant, (foliage and/or flowering) in a container not to exceed 10 inches in diameter. There must be only one specimen plant per pot. A flowering plant may be of any color with single or double flowers. Must include **4-H 967C "Level B Plant Record"** chronicling the care of your plant.

Poster or Notebook Exhibit Categories choose any one of the following topics:

- Report how you harvested your flowers and/or herbs, cared for them, dried them and used them.
- Explore and explain:
  - a. insects and your flowers and/or herbs
  - b. starting seeds indoors—the process and pros/cons
  - c. perennials—what are they, how are they used, benefits or drawbacks
  - d. plant biology—form and function, growth, photosynthesis
  - e. how to grow plants indoors—things to consider, common problems and solutions
  - f. Environmental effects related plants (such as light, water, soil or temperature).
  - g. Topics from "Imagine That"—plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers.
- Investigate and describe: a butterfly garden—what types of plants, benefits to insects and butterflies, etc.
- Describe:
  - a. How you planned or designed your garden, including how you chose the kinds of plants, any problems, successes, etc.
  - b. Your houseplant – how you cared for it, transplanted to a larger pot, any problems or successes.
  - c. An experiment you did and the results.

Demonstration: Each exhibitor may also choose to do a demonstration related to a topic covered in Level B.

## Level C (Grades 7-9)

Flower/Plant Exhibit Categories choose one of the following options:

- Display a Terrarium: Size of the terrarium should be appropriate for use on a table at home, and no larger than 12" deep, 18" long and 16" high. Must have a cover while on exhibit. See activity information for design.
- Combination or European Planter: Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for a minimum of two months. See activity for information on plants and design. The container should not exceed exhibit space of 18" x 18" (height will be variable).
- Create one corsage or two boutonnieres made from only fresh flowers. Corsages should contain three or more blooms. NO artificial flowers or greenery should be used in this category. Bows and decorative items are okay.
- Create one corsage or two boutonnieres made from silk or other artificial flowers and greenery. Can be created with mixed fresh and artificial materials, or all artificial. Bows and decorative items are okay.
- A dried arrangement in a container or a specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and dried plant materials. NO artificial flowers/plant material should be included. Bows and decorative items are okay. Maximum size 24" x 24" (height will be variable).
- Create a flower arrangement using either roses or lilies as the primary component of the arrangement. Arrangement should be made with all fresh materials (NO artificial, flowers/plant material). Bows and decorative items are okay. The exhibit must not exceed 18"x18" (height will be variable).

Poster or Notebook Exhibit Categories choose any one of the following topics:

- Explore and explain:
  - a. vegetative propagation—how to, different types, problems and solutions, different uses of; 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
  - b. floral tools and materials—how to use, what they are, care of tools, different uses of a tool or material
  - c. preserving cut flowers—how, problems, uses of and/or diseases related to cut flowers
  - d. how your dry flowers or other plant materials and /or describe different methods and/or how, why use them
  - e. medicinal uses and toxicity of fresh and dried flowers and plants
- Investigate the design of multiple plant containers—how to, things to consider, selecting plant materials, uses of
- Describe:
  - a. 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.
  - b. An experiment you did and the results
  - c. A career exploration activity you did, such as job shadow, interview with a professional.
  - d. A community service project you did related to your flowers project—what you did, why, results, etc.

Demonstration: Each exhibitor may also choose to do a demonstration related to a topic covered in Level C.

#### **Level D (Grades 10-12)**

Flower/Plant Exhibit Categories choose one of the following options:

- Create a seasonal arrangement from only fresh flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. For example, fall mums or spring tulips. Maximum size 24" x 24" x 36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
- Create a seasonal arrangement that can include fresh and/or artificial flower/plant material. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24" x 24" x 36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
- Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. Maximum size 24" x 24" x 36". Included a label that states what type of design you have created (botanical, pave`, parallel, free-form, abstract, etc.).
- Create a bridal bouquet. Proper display of the bouquet should be considered, but only the bouquet will be judged. Bouquet should include **only fresh plant materials**. Bows and decorative accessories are okay.
- Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24" x 24" x 36" and be made from EITHER fresh flower and/or plant materials or artificial or silk flower and/or plant materials. Bows and decorative accessories are okay.
- Display a plant that you propagated (and grew and cared for) by tissue culture or other vegetative propagation methods, or flowering bulbs that you forced. Maximum pot size should not exceed 10" diameter. Must include **4-H 969c "Level D Plant Record"** chronicling the care of your plant.

Poster or Notebook Exhibit Categories choose any one of the following topics:

- Describe:
  - a. How you created your arrangement, include information on the design principles utilized.
  - b. An experiment you did and the results
  - c. A community service activity you did related to your floriculture project: how, why, results.
- Explore and explain:
  - a. 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.
  - b. The cost of arrangement and/or a cost comparison with flowers (different types of flowers, different time of year, etc.)
  - c. Forcing bulbs (bulbs, branches, etc.)
  - d. Marketing in the floral industry (large or small business) and/or a market survey and results, and how they can benefit the floral industry.
  - e. How to start a business related to the floral industry and may include a business plan.
  - f. The origins of flowers and/or the floriculture industry around the world.
  - g. Tissue culture, biotechnology, or traditional breeding of new flower types—what are they, how are they used, pros and cons.
  - h. Be a plant detective—what kinds of problems might you have in growing and caring for flowers and how to solve.

Demonstration – use topics for this grade level, or any of those listed above for Level D.

## **FOODS – BAKED and PRESERVED**

Project Superintendent: Jeanette Merritt

State Fair Entry: Yes

Manual(s): Level A: Fantastic Foods A (Grades 3-4) Level B: Fantastic Foods B (Grades 5-6) Level C: Fantastic Foods C (Grades 7-9) Level D: Fantastic Foods D (Grades 10-12)	Record Sheet(s): Included in each manual must be completed each year. Recipe Card Complete 3 Activities from manual.
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### **Purdue Extension Food Safety Policy:**

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

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

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

- Name
- Address (4-H member information can be taken from enrollment if needed)
- Contact information (phone and/or email address; 4-H member information can be taken from enrollment if needed)
- Date the food product was made

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

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

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

A completed recipe card is to be submitted with each exhibit. Recipe cards are for judging purposes only and will not be returned to the exhibitor. Laminating, wrapping the recipe card in plastic, or placing it in a clear plastic bag is optional. Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.

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

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

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

## **BAKED FOODS:**

### **Exhibit Class Guidelines:**

#### **Level A (Grades 3-4)**

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 a state fair will be donated to local homeless shelters after being judged and not displayed.

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

## **Level B (Grades 5-6)**

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

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

## **Level C (Grades 7-9)**

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 a state fair will be donated to local homeless shelters after being judged and not displayed.

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

## **Level D (Grades 10-12)**

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 a state fair will be donated to local homeless shelters after being judged and not displayed.

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

## **PRESERVED FOODS:**

### **Exhibit Class Guidelines:**

#### **Level A (Grades 3-4)**

Choose one or more of the preserved products below, or a similar product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at the state fair will be donated to a local homeless shelter 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 a freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for cooking or defrosting. Label with name of product, quantity, and date frozen.
- One package dehydrated fruit or vegetable. Display in an appropriate bag or container. Include index card with recipe and instructions for cooking or using. 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)

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 a local homeless shelter and not displayed.

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

## Level C (grades 7-9)

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 a local homeless shelter and not displayed.

- One container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.
- One jar of canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbeque sauce, or salsa. Include index card with recipe and instructions or cooking or using the product. Label with the name of the 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 canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. **NOTE: Only food preservation products made using USDA approved recipes and techniques are acceptable.**
- Frozen yeast dough (bread loaf, roll balls, sticks, pizza, etc.). Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook, or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar preserved item.

## Level D (grades 10-12)

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 a local homeless shelter 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 to help 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 dessert. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- An educational poster, notebook, or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

## FORESTRY

Project Superintendent: Kortney Stroud (765) 473-1018

State Fair Entry: Yes

Manual(s): Forestry 1: *Follow the Path*  
Forestry 2: *Reach for the Canopy*  
Forestry 3: *Explore the Deep Woods*

Record Sheet(s): BU-8038a-W; BU-8039a-W;  
BU-8040a-W; 4-H-NR-AT; 4-H-NR-M  
Must be completed yearly.

1. Create an exhibit that shows the public what you learned in the forestry project this year. Exhibit must be 22" x 28", displayed horizontally, mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Be sure to include your project label in the bottom right hand of the poster. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title.
2. 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 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 the way references are listed.
2. If you are exhibiting leaves, they should be free of any damage. Also, if you choose to include the scientific names note that they must be in either italics or underscored. (Note: Scientific names are required for herbariums.) The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization.
3. Complete record sheet, insert it in green folder & turn in by end of the fair.

**Forestry 1 (Grades 3-5)** Display a poster board on one of the following activities:

- **Leafing Out-** comparisons (pp 6 & 7). Collect, dry and mount 6 different species of leaves showing leaf differences: one leaf with opposite arrangement and one with an alternate arrangement, two leaves with different leaf margins, a compound leaf, and simple leaf. Use the 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3) as a reference and identify the leaves and group them under the titles of “arrangement,” “leaf margins,” and “compound or simple.” Draw (or copy the picture) and label the parts of a leaf using the diagram from the manual (Level 1). Title your poster, Leafing Out – Leaf Differences.
- **Leafing Out** – collection (pp 6 & 7). Identify and exhibit leaves from 10 different trees that are listed in 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3). List at least two unique characteristics of each tree. Title your poster, Leafing Out – Collection.
- **Hold on Tight** – (pp 10 & 11), Dig up a small plant root system and display along with a drawing of the root system with the anchor, lateral, and feeder roots identified and the “Parts of a Tree” diagram (4-H 641B).
- **Down in the Dirt** – (pp 20 & 21), collect roots from 3 different habitats: woods, near a creek, and in a pasture or prairie. (Note: do not use the habitats listed in your manual.) Display the roots along with the completed root test chart (copy or recreate) showing the color, size, and shape information. Include any unique features you noted. My Couch is a Tree? – (pp 30 & 31), Use pictures (draw, cut from magazines, print, or take photographs) to show 10 things in and around your home that are made from wood.
- **Fun in the Forest** – (pp 32 & 33), Visit a state park or forest, take your 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3), diagram the trails you hiked, and list the types of trees you saw. Photographs of you hiking and some of the trees you saw will help tell your story.

**Forestry 2 (Grades 6-8)** Display a poster board on one of the following activities:

- **The Leaf Machine** – (pp 8 & 9), copy, draw, or find a picture of a cross-section of a leaf. Label the 7 parts. Give the chemical reaction for photosynthesis, defining the chemicals:  $\text{CO}_2$ ,  $\text{H}_2\text{O}$ ,  $\text{O}_2$ , and  $\text{C}_6\text{H}_{12}\text{O}_6$ . Be sure to balance your equation! There should be the same number of Carbon, Oxygen, and Hydrogen molecules on each side of the equal sign. You may need to ask an older (high school) 4-H member or science teacher for help. Draw the tree canopy, trunk, and roots (or use the tree diagram, 4-H 641B) and identify the crown, trunk (with the parts; heartwood, sapwood, cambium, and bark listed on the right), feeder roots, and anchor roots.
- **My State’s Forests** – (pp 14 & 15), use a map, draw, or find a picture of Indiana on the Internet (e.g., [www.igic.org](http://www.igic.org)). **Show where** your home, your school, and your fairgrounds are located. Choose one of the following options to complete your poster. Show where Indiana’s state forests are located. List a few facts about each. Visit a state forest and have someone take your picture by the sign, if possible. Show where some state parks and state forests are located (5-15). List some facts about each one. Visit a state park or forest and have someone take your picture by the sign, if possible.
- **Someone Call a (Tree) Doctor and Stop Bugging Me** – (pp 22-25), Collect 10 samples of tree leaves, twigs, stems, or roots damaged by insects or disease and the fruiting body or disease that caused the damage. List information about the insect or disease and the species of tree that was affected.
- **Fire in the Forest** – (pp 26 & 27), explain the Fire Triangle and describe what happened during and after a famous forest fire. Drawings or pictures will help tell the tale.
- **Growing Every Day** – (pp 30 & 31), Complete the table to calculate the volume of 5 large trees that you can find and measure in your county. Research to find out how to make and use a Tree Measuring Stick (FNR-4) and use that to calculate the volume of each tree. Explain why you think your results varied with the two methods of determining tree volume (the one in your 4-H manual or using a tree measuring stick).
- **Tree Planting** – Plant 1-3 shade trees. Include information about the tree (or trees) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree (or trees) will be when mature. Explain why you chose the planting site that you did, where you found your planting information, what steps you followed, the hole size, care of your tree (watering and weed control), and any other information you can give. Include a picture of your tree (photo or a drawing). Reference: FNR-FAQ-18-W

**Forestry 3 (Grades 9-12)** Display a poster board on one of the following activities:

- **A World of Forests** – (pp 16 & 17), indicate the 3 major forest biomes on a copy, drawing, or picture of the world. Complete the table given in the activity.
- **City Trees** – (pp 20 & 21), complete the questions about Tree City (page 20). Show (draw or use pictures) some trees that are often used in city plantings and explain the benefits of these trees.
- **Trim the Trees** – (pp 26 & 27), explain the 5 different kinds of tree pruning for urban trees. List some do's and don't's of proper pruning.
- **My Boss is a Tree** – (pp 34 & 35), list 5 jobs that require a knowledge of trees and forestry. Explain the training and education that is needed and what types of things you might be doing if you had this job.
- **Tree Planting** – Present a tree planting plan for at least 100 trees. Include the type of trees you planted, pictures, cost, method of planting, weeding, pruning your trees, and any additional information. Your exhibit must have a title, labels, backing, and plastic covering as required in the manual. Reference: FNR-FAQ-18-W
- **Herbarium Collection – Trees\*** - Collect 25 terminal twigs and at least two leaves, if space allows (only one compound leaf is required), from native forest trees. Mount the specimens on 11 ½" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. Cover each specimen. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.
- **Herbarium Collection – Shrubs\*** - Collect 25 terminal twigs, with leaves attached, from native shrubs. Mount the specimens on 11 ½" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. Cover each specimen. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

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

**Independent Study (Grades 9-12):**

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

## **GARDEN**

Project Superintendent: Kim Walden (765) 469-0486

State Fair Entry: Yes

Manual(s): Level A: See Them Sprout (Grades 3-4) Level B: Let's Get Growing (Grades 5-6) Level C: Take Your Pick (Grades 7-9) Level D: Growing Profits (Grades 10-12) <i>Suggested 4-H Garden Exhibits (4-H 970-W)</i>	Record Sheet(s): Located in manual. Must be completed every year.
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Youth will learn about plant growth, soil nutrition, and management of insects and diseases related to fresh vegetable and herb production.

### **Exhibit Guidelines:**

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)**

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

#### **Level B (grades 5-6)**

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

#### **Level C (grades 7-9)**

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

#### **Level D (grades 10-12)**

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

### **Garden Collection Option**

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

### **Single Vegetable Option**

Display from the list below 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, or 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, 3
Cucumbers	Slicing with seeds, 3
Eggplant	Eggplant, 1
Kale	Kale, 10 bundled leaves
Kohlrabi	Kohlrabi, 3
Muskmelon	Muskmelon (cantaloupe), 1
Okra	Okra, 3 pods
Onions	Green, 5 onions in a bunch
Onions	Red, Yellow or White, 3
Parsnip	Parsnips, tops off, 3
Peas	Peas, edible pod such as snow peas, 10 pods
Peas	Peas, unshelled, 10 pods
Peppers	Bell type, 3

Vegetable:	Plated Display Description:
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 crooked (example, Summer Squash), 1
Squash	Acorn
Squash	Zucchini or Cocomelle, 1
Sweet Potato	Sweet Potatoes, 3
Tomatillos	Tomatillos, 3
Turnips	Turnips, 3
Watermelon	Watermelon, 1

### Herb Option

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

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

### Potato Tray Option

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

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

### Tomato Plate Option

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

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

### Educational Exhibit Option

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

## GENEALOGY

Project Superintendent: Christy Sullivan (765) 985-9248

State Fair Entry: Yes

Manual(s): "Genealogy: Tracing My Family Tree" is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 748A-W Must be completed yearly.
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- 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 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 notebooks for Division 1-4- and first-year Advanced Division. (If a notebook requires additional space, label it as notebook x, continued.) Those notebooks are:
  - Book #1 – 3" D-ring binder, contains introduction sheet, pedigree charts and family group sheets
  - Book #2 – 2" D-ring binder, contains additional information worksheets and diary of work •
  - Book #3 – 3" D-ring binder, contains supporting documents, pictures, etc.
    - Book #4 – 3" D-ring binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)
  - Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.
- Notebooks should be tabbed and in the following order:
  - Book #1 – Introductory Page; Pedigree Charts; Family Group Sheets
  - Book #2 – Additional Information Worksheets; Diary of Your Work
  - Book #3 – Any Other Documents (label with ancestor numbers on tab)
  - Book #4 – Advanced Division Options (label each tab separately with the specific option); Diary of Your Work (this will be a second diary describing work done for each advanced division option)
- Pedigree Charts, Family Group Sheets, Additional Information Worksheets, and Diary Sheets are to be placed in the notebook back-to-back in sheet protectors to save space, reduce the information being damaged, and reduce the number of sheet protectors required.
- So the notebook exhibit can be displayed to the public and to minimize the potential of identity theft, original legal documents are **NOT** to be included in the exhibit notebook. Instead, a photocopy of any legal document is to be included in the notebook and all identifiable information (like social security numbers) except for names is to be completely marked out. Original legal documents are to be kept in a secure location by the 4-H member and his/her family.
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. Reference notations are to be made in the "source" column of the Family Group Sheet and on each document.
- If information on a family member is unknown, an additional information worksheet for each required ancestor is still required. Write "unknown" or "NIA" (no information available) in PENCIL for each sheet of unknown ancestors or list several ancestors on a page and insert page in proper numerical order.
- After exhibiting the 1<sup>st</sup> 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.

7. Suggested Genealogy Supply List:

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

**Division 1** Exhibit notebook that includes the following:

Book #1:

- An Introduction page with a recent photograph of yourself.
- Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at the [www.extension.purdue.edu/4h\\_4-H 748Pc-W](http://www.extension.purdue.edu/4h_4-H_748Pc-W) or 4-H 748Pbw-W or the commercial software forms, but not the old "packet" pedigree charts.**
- A Family Group Sheet for your parents and each pair of grandparents. Sources of information MUST be filled in on family group sheets (see section "Recording the Information").

Book #2:

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

Book #3:

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

**Division 2** 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/4h](http://www.extension.purdue.edu/4h), 4-H 748Pc-W or 4-H 748Pbw-W or the commercial software forms, but not the old “packet” pedigree charts.**
- A Family Group Sheet for 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:

- An additional information worksheet for each set of great grandparents.
- A diary of your work

Book #3:

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

**Division 3** 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:

- Additional information worksheets
- A diary of your work

Book #3:

- 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.
- Turn in a completed record sheet.
- Exhibit Book #1, Book #2, and Book #3. Books 2 and 3 should only include Division 3 ancestors 16- 31 and related information.

**Division 4** Exhibit a notebook(s) that includes the following:

Book #1:

- Six-generation pedigree charts, ancestors #1 through #63. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. **You must use the pedigree charts listed at [www.extension.purdue.edu/4h](http://www.extension.purdue.edu/4h), 4-H 748Pc-W or 4-H 748Pbw-W, or the commercial software forms, but not the old “packet” pedigree charts.**
- Additional Family Group Sheets for generation six. Sources of information must be filled in on family group sheets (see section “Recording the Information”).

Book #2:

- Additional information worksheets
- A diary of your work

Book #3:

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

**Advanced Division** 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.
- Turn in a completed record sheet.

**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 & #3 demonstrating this year's work. EXPLAIN the information received as to how it relates to you and your ancestors. Copies of documents obtained in previous divisions are acceptable and should be utilized in the option chosen if needed.

- A. A migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of the migrations.
- B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.
- C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.
- D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
- E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.
- F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.
- G. Complete a family line or lines back as many generations as possible beyond eight generations (ancestors 256 and beyond). Include pictures, maps and documents. Be sure to include proper labels and sources.
- H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.
- I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.
- J. Family DNA history. (This can be a very expensive option) Please include charts and explanations, i.e. use pie charts, ethnicity estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

## GEOLOGY

Project Superintendent: Kortney Stroud (765) 473-1018

State Fair Entry: Yes

Manual(s): Geology: Level 1 Geology: Level 2 Geology: Level 3 <i>Let's Look at Rocks</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H-985a-W; 4-H-986a-W; 4-H-987a-W; 4-H-NR-AT; 4-H-NR-M Must be completed yearly.
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1. This project introduces youth to the fascinating hobby of "rock hunting". Geology involved studying the earth's crust, its layers, and their history. Youth learn to identify Indiana rocks, minerals, and fossils.
2. Create an exhibit to show the public some of the geology specimens you have collected. Exhibits must be 22" x 28", displayed horizontally, mounted on a firm backing (foam core board or other), and covered in clear plastic or other transparent material. Or, you may display your specimens in an insect display box (18 x 24 inches), horizontally. Include actual specimens in your exhibit whenever possible. You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H Geology manual. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Be sure to include a label with your name, grade, and county. Choose one of the topics listed below, appropriate for your grade in school, and use that name for your title.
3. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members' exhibit. This reference list should/might include web site links, people & 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 the way references are listed.

### Notes:

- You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase a specimen, indicate when and where you purchased it and the location where you would expect to find the specimen. If you collect a specimen, indicate the county & township where you found it.
- Posters and display boxes will be exhibited "standing up" at the State Fair; therefore, you need to secure your specimens securely.
- When exhibiting rocks, show a fresh surface to help judges identify the rock.
- Labels- Include the specific geographical location where you would expect to find any specimens as well as where you 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.

### Level I (Grades 3-5) Exhibit a poster (or use an exhibit box) based on one of the following activities:

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

**Level 2 (Grades 6-8)** Exhibit a poster (or use an exhibit box) based on one of the following activities:

- Rocks with Different Textures - Identify and display six rocks with three very different textures (two rocks of each general type). Include three grades of sandpaper and show how the difference in sandpaper is like the differences in rock texture.
- Indiana Limestone - Show and label pictures or photographs of ten buildings, sculptures, or monuments made from Indiana limestone.
- Mineral properties and tests - Explain the characteristics; crystal form, cleavage, hardness, appearance, and streak. Explain tests used in identifying specimens. Examples you might include are streak, acid, hardness, chemical analysis, and specific gravity.
- How We Use Minerals - Show ten common products that contain minerals. Explain the minerals that are contained in these products and the characteristics that make them useful.
- Geologic Time - Create a display to show the major geologic eras. Indicate the names, specific features, and approximate length of each.
- Indiana's Glaciers - Show the extent of Indiana's three main glaciers.
- Indiana Geology - Exhibit a map or sketch of Indiana showing at least ten sites with interesting geological formations. Describe the formation and sketch or show a picture of the formation.
- Field Trip - "Describe a geology field trip that you took. Describe where you went and what you learned. Include photographs (if possible) or sketch what you saw.
- Collections - Display and identify one of the following; 8-16 minerals, fossils, or 4-8 of each (half minerals, half fossils). You may exhibit a new collection in subsequent years but not one you have already exhibited.

**Level 3 (Grades 9-12)** Exhibit a poster (or use an exhibit box) based on one of the following activities:

- Geology Research - Prepare a display to teach others about the topic you studied. Include an appropriate title, abstract (brief description of your topic), and photographs, drawings, charts, or graphs that help explain your topic. This activity may be repeated if a new topic is chosen in subsequent years.
- Lapidary and Jewelry - Show how stones and minerals are turned into polished stones and jewelry. Show and explain the steps involved.
- Miniatures - Display five miniatures in a display box and explain the benefits of collecting miniatures and how they are prepared.
- Indiana's State Parks or Forests - Create a matching game of Indiana's State Parks or Forests and a brief description. This exhibit option should include geological features of the park or forest.
- Indiana, U.S. or World Geology - Teach others about one Indiana, U.S. or World Geology topic.
- Career Exploration - Prepare a display that explains your interview with someone who needs an understanding of geology to do their job.

**Independent Study (Grades 9-12):**

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

## GIFT WRAP

Project Superintendent:

State Fair Entry: Yes, can be entered as a craft.

Manual(s): Gift Wrapping	Record Sheet: County Record Sheet 4-H-618A craft card Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Purchased bows will not be accepted.

### Grades 3-5:

- A. Exhibit one square or rectangle package wrapped in store bought paper.
- B. Make own bow.

### Grades 6-8:

- A. Exhibit one-cylinder package wrapped in paper designed by 4-H member.
- B. Make own bow and add accessories.

### Grades 9-12:

- A. Exhibit one package, any shape or combined shapes.
- B. You will be judged on creativity.

## HEALTH

Project Superintendent: Karen Byrum (574) 709-9903

State Fair Entry: Yes

Manual(s): Health 1: First Aid in Action Health 2: Staying Healthy Health 3: Keeping Fit	Record Sheet(s): 4-H -08174A-W Must be completed yearly.
<ul style="list-style-type: none"><li>• Three activities should be completed in the manual each year.</li><li>• Manual must be turned in with the project at the time of judging.</li><li>• Enroll by grade level.</li></ul>	Judging: Thursday, June 18 (Project Bldg.) Check in projects – 8:00-9:00 AM Judging begins – 9:15 AM

1. Printed scripts must accompany Public Service Announcements.
2. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members' exhibit. This reference list should/might include web site links, people & 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 the way references are listed.

**Level A (Grade 3)** Exhibit one of the following:

- A poster on one of the following topics or any other topic covered in Level A:
  - a. First Aid for Cuts and Scrapes
  - b. First Aid for Choking
  - c. First Aid for Strains, Sprains and Bruises
- A family first aid kit
- An action demonstration related to a topic covered in Level A

**Level A (Grade 4)** Exhibit one of the following:

- A poster on one (1) of the following topics or any other topic covered in Level A:
  - a. First Aid for Treating Nosebleeds
  - b. First Aid for Foreign Objects
  - c. First Aid for Stings or Bites
- A family first aid kit (including at least one "Make your Own" item discussed in your manual.
- An action demonstration related to a topic covered in Level A

**Level A (Grade 5)** Exhibit one of the following:

- A poster on one (1) of the following topics or any other topic covered in Level A:
  - a. First Aid for Poisons
  - b. First Aid for Broken Bones
  - c. First Aid for Burns
- A family kit for an emergency (tornado, snowstorm, no electricity, fire, etc.)
- An action demonstration related to a topic covered in Level A

**Level B (Grade 6)** Exhibit one (1) of the following:

- A poster on one (1) of the following topics or any other topic covered in Level B:
  - a. Human Viruses or Bacteria
  - b. Keeping Hair, Skin, Nails, Teeth, Ears or Eyes Clean
- A report of three activities you completed in the 4-H manual
- An action demonstration related to a topic covered in Level B

**Level B (Grade 7)** Exhibit one of the following:

- A poster on one (1) of the following topics or any other topic covered in Level B:
  - a. Nutrient Rich “Power” Foods
  - b. Healthy Snacks
  - c. Appropriate Portion Sizes
- A report of three activities you complete in the 4-H Manual
- An action demonstration related to a topic covered in Level B

**Level B (Grade 8)** Exhibit one of the following:

- A poster on one of the following topics or any other topic covered in Level B:
  - a. The Importance of Eating Breakfast
  - b. The Importance of Physical Activity
  - c. Turning Everyday Activities into Exercise Opportunities
- A report of three activities you complete in the 4-H manual
- An action demonstration related to a topic covered in Level B

**Level C (Grades 9-12)** Exhibit one of the following:

- A poster on a topic covered in Keeping Fit: Fitness Activities for Youth
- A report of three activities you complete in the 4-H manual
- An action demonstration related to a topic covered in Level C

## HOME ENVIRONMENT

Project Superintendent: Maryann McQuinn (765) 475-3099

State Fair Entry: Yes

Manual(s): Level 1: Color, Texture, Line and Shape (Grades 3-5)  
Level 2 & 3: Design Decisions Resource Guide (Grades 6-12)

Record Sheet(s): 4-H 1011a-w  
Must be completed yearly.

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 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 the way references are listed.
2. For the 4-H Home Environment project, 4-H members at each grade level may choose from three possible exhibit categories: a furniture item and notebook, a design board (poster and notebook), or a portfolio (notebook). All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W. Level 3 participants will also have a fourth choice: independent study. NOTE: Each level has several options per category from which to choose. We suggest that 4-H members either choose a different option each year or show how they expanded on the same option (portfolio and furniture categories only) used in previous years.

Categories:

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

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

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

**Color samples** -- These can be paint samples from a paint or hardware store, or color samples the 4-H member makes with paints or colored pencils.

**Other samples** -- Many hardware or home improvement stores have free samples of wall coverings, flooring, countertops, and cabinet materials that can be used with the 4-H member's design board or portfolio.

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

### Level 1 (Grades 3-5) (two State Fair exhibits from this level)

Furniture Options for Level 1: Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See "Furniture Item and Notebook" explanation above.)

- A hanging or wall hanging item.
- A storage item or organizer item for room or the home.
- 3 - 5 accessory items for your chosen room.

### Design Board Options for Level 1:

- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape with colored pencils. Print a line drawing from the options available on the Indiana 4-H website: [www.four-h.purdue.edu](http://www.four-h.purdue.edu) look under “projects” and then Home Environment. Create three different color schemes for the line drawing you have chosen. Label the type of color scheme used in each (e.g., monochromatic, analogous, complementary, warm, or cool). Include your 3-ring notebook.
- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape using one color option. Line drawings can be printed from the Indiana 4-H website: [www.four-h.purdue.edu](http://www.four-h.purdue.edu) look under “projects” and then Home Environment. Use color to explain dominant and supportive colors. Attach color samples to identify two additional color options. Include your 3-ring notebook.
- Display a floor plan for a bedroom showing line and shape where furniture would be placed (could be your own). Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show how line and shape work with the furniture. Include your 3-ring notebook.

### Portfolio Options for Level 1:

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

### **Level 2 (Grades 6-8)** (two State Fair exhibits from this level)

Furniture Options for Level 2: Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See “Furniture Item and Notebook” explanation above.)

- One piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture
- One window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- A collection of 3-5 similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example, a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

### Design Board Options for Level 2:

- Display a floor plan for a living room, den, or family room. Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the furniture would be placed. Include paint samples and/or wall-treatment samples. Include your 3-ring notebook.
- Display a floor plan for a full bathroom (toilet, sink, and shower and/or bathtub). Include pictures (magazine or photographs) of the fixtures that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, and flooring samples. Include your 3-ring notebook.
- Display a floor plan for a kitchen (including appliances and sink). Include pictures (magazine, appliance brochure, or photographs). We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, flooring samples, and cabinet and/or countertop samples. Include your 3-ring notebook.

### Portfolio Options for Level 2:

- Samples of three different types of wall treatments with an explanation for each. Examples can include but are not limited to: paint only, wallpaper only, or combination of paint and wallpaper.
- Samples of three different floor treatments (pictures or flooring samples). Examples can include but are not limited to: hardwood, carpet, and/or tile. Include information on the advantages and disadvantages of each. Also include information on where it would be appropriate to use each flooring type.
- Samples of three different cabinet/countertop combinations (pictures or samples). Examples can include but are not limited to: granite, laminate, and/or stainless steel. Include information about the advantages and disadvantages of each.
- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

### **Level 3 (Grades 9 – 12) (two State Fair exhibits from this level)**

Furniture Options for Level 3: Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete your room along with your notebook. (See "Furniture Item and Notebook" explanation above.)

- One piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture.
- One window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- A collection of 3-5 similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example, a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

### Design Board Options for Level 3:

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

### Portfolio Options for Level 3:

- Samples of three different lighting treatments. Explain how and when each is appropriate for use. Examples include but are not limited to: overhead, recessed, and table/floor lamps. Include information as it relates to energy use and efficiency.
- Samples of three different types of window treatments. Include information on the use of each kind and in what room each would be appropriate. Include information on the advantages/disadvantages of each. Also, include information as it relates to energy use and efficiency.
- Using the same window (size and shape), apply three different types of window treatments. Explain the advantages and disadvantages of each. Explain what type of setting (formal, country, traditional, modern, etc.) would be appropriate for each treatment. Include information related to energy use and efficiency.
- Career plans. Interview an interior designer. Include the advantages and disadvantages of being a professional interior designer. Research two different design schools or training programs. Include the advantages and disadvantages of each program. Include the cost of attaining a degree or completing the program.
- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

### **Independent Study (Grades 9-12):**

Youth in grades 9 - 12 have the option of doing an independent study project. Those 4-H members who choose this option must review their ideas with their 4-H Youth Development Extension Educator and/or Home Environment project leader to make sure they have selected an appropriate topic/exhibit.

### **JUNIOR LEADERS**

Project Superintendent:

State Fair Entry: No

Manual(s): Miami County Junior Leader Manual	Record Sheet: None
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Provides 4-H members the opportunity to learn about the qualities needed to be a leader and to serve as mentors and role models for younger 4-H members. Meetings throughout the year give Junior Leaders the opportunity to serve in the Miami county community. The Junior Leaders also help with 4-H Pancake Day, help with Fair set up, serve as Superintendent assistants during pre-fair judging and run the Junior Leader stand during the fair. There are two special Junior Leader trips during the year (one will be in July and one will be over Christmas break). Any 4-H member in grades 7-12 are welcome to join the Junior Leaders.

## LAWN AND GARDEN TRACTOR SAFETY AND OPERATOR SKILLS

Project Superintendent: Dann Hunt (765) 776-0545

Greg Hunt (765) 776-1040

State Fair Entry: Yes

Manual(s): Level A- <i>Starting Up: Getting to Know Your Tractor</i> Level B- <i>Tractor Operations: Gearing Up for Safety</i> Level C- <i>Moving Out: Learning About Your Tractor &amp; Farm Machinery</i> Level D- <i>Learning More: Learning About Agricultural Tractors &amp; Equipment</i> <i>Junior Ag Tractor Questions &amp; Answers</i> <i>Senior Ag Tractor Questions &amp; Answers</i>	Record Sheet: 4-H-961, 4-H-962, 4-H-963, 4-H-964 Must complete yearly.
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*The 4-H lawn and garden tractor and equipment program develops principles of engine operation, hydraulic systems, electrical systems, and safe operation skills*

### Exhibit Class Guidelines:

#### Educational Exhibit Option

##### Level A (grades 3-4)

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)

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)

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)

Create and 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.

#### 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)**

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 Contest

##### **Senior (grades 8-12)**

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 Contest.

### **Agricultural Tractor Operators' Contest:**

1. All participants will be scored on written quiz, parts identification, tractor operation on the course, safety while at the contest and time.
2. All tractors must have normal standard factory-installed equipment only. Entrants will not be allowed to use their own tractor.
3. Junior contestants will pull a 2-wheel trailer approximately 8 feet wide and 10-12 feet long. Tongue length will be approximately 4 feet, as measured from the tongue's tip to the edge of the trailer's bed. Wheel location will be near the center of the bed.
4. Senior contestants will pull a 4-wheel wagon with knuckle-type radius rods (auto type) steering, approximately 10 feet long between axles, an 8' x 14' bed and a 52" stub tongue.

5. Any stake knocked over by the contestants (with any part of the tractor or wagon) will be replaced and the contestant must attempt the obstacle until satisfactorily completed or until time expires.
6. The written quiz will consist of 25 multiple choice questions, with 20 points added for each question answered incorrectly or omitted.
7. The parts identification quiz will consist of 25 parts. 20 points will be added to the contestant's score for each part incorrectly identified. Note: Pictures will be used for this component.
8. Junior division questions will be taken from supplement #1, "questions and answers for junior division written test". Senior division questions will be taken from supplement #2, "questions and answers for senior division", PLUS, supplement #1 mentioned above.
9. The driving event will be timed and will be scored based on one penalty point for each second. However, other penalty points for safety violations, hit markers, etc., will be so severe that the importance of speed will be minimized.
10. Terms and conditions will be as outlined in 4-H 84 "conducting 4-H petroleum power operators contest".
11. Three participants in each division at the county level will advance to the Area 8 contest. From the Area 8 contest three participants from each division will advance to the Indiana State Fair Tractor Operators' contest.
12. National 4-H Operators Contest-the highest placing individual in each of the senior divisions at the State Fair Tractor Operators' contest will be awarded a trip to the National 4-H Engineering event.
13. State Fair Achievement Trip-the second-place individuals or next highest individuals in the State Fair Tractor Operators' contest senior division who qualify will be awarded a State Fair achievement trip.

#### **Lawn & Garden/Zero-Turn Radius Operators' Contest:**

1. All participants will:
  - a. Take a written examination of 25 questions on small engine operation, maintenance and safety
  - b. Identify 25 designated parts of a lawn and garden tractor (Note: Pictures will be used.)
  - c. Perform a safety check on a lawn and garden tractor
  - d. Operate a lawn and garden tractor through a prescribed course; penalty points will be assessed for errors in safety and poor operation
2. Questions for the written examination will be taken from supplement #3, Questions and Answers for Lawn and Garden Tractor Operator
3. The driving event will be timed and point per second of operation will be assessed up to eight minutes. After eight minutes, the driver will be given the option of continuing or quitting and returning to the "start line". A penalty of 400 points will be assessed.
4. Three participants in each division at the county level will advance to the Area 8 contest. From the Area 8 contest three participants from each division will advance to the Indiana State Fair Tractor Operators' contest.
5. State Fair Achievement Trip-the first-place individuals or next highest individuals in the State Fair Tractor Operators' contest senior division who qualify will be awarded a State Fair achievement trip.
6. Terms and conditions will be as outlined in 4-H 84 "conducting 4-H petroleum power operators contest".

## LEGOS

Project Superintendent:

State Fair Entry: No

Manual(s): Legos	Record Sheet: County Record Sheet.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Use Lego-type model blocks. **NO K'NEX** will be allowed.
3. Exhibit must be an original design – NO KITS.
4. Do NOT use glue or tape to assemble blocks.
5. Do NOT paint or add decals to blocks.
6. Exhibit must be on a solid base and covered with plastic OR in a clear plastic display box.
7. Project with base should not exceed 24"x24"x36".
8. **IMPORTANT:** *If you choose to display figures with your model, you will need to remove them from the project after judging and take them with you.*

### **Grades 3-4** Exhibit:

- A. Build a "fictional" character or "thing" (i.e. an animal, a person, a statue, a totem pole, etc.)
- B. No motorized parts may be used.

### **Grades 5-6** Exhibit:

- A. Build a structure (i.e. a house, a skyscraper, a barn, etc.) or build any type of vehicle (i.e. a car, a truck, a plane, a tractor, farm implement, a boat, etc.)
- B. No motorized parts may be used.

### **Grades 7-9** Exhibit:

- A. Build two similar objects from listings for Grades 3-6 (i.e. two cars, two skyscrapers, two animals, etc.)
- B. No motorized parts may be used.

### **Grades 10-12** Exhibit:

- A. Build three related objects (i.e. three cars; a tractor with two pieces of machinery; three buildings; a building with two vehicles, etc.)
- B. Motorized parts MAY be used.
- C. This level should show a great deal of thought and ingenuity in design and construction.

## MODELS

Project Superintendent:

State Fair Entry: Yes

Manual(s): Miami County 4-H Models	Record Sheet: County Record Sheet 4-H-618A Craft Information Card Must be completed yearly.
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Exhibit Guidelines:

- All arts and craft exhibits must include a 4-H Craft Information Card, 4-H 618A. This information card is to describe work completed so the judge can more accurately evaluate the exhibit. Craft information cards are for judging purposes only and will not be returned to the exhibitor.
- If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.
- Exhibits must be a small-scale replica made of injected styrene plastics with approximately 25% of the surface painted. Wood, paper, clay die-cast, or snap together models are not permitted. Screws and pre-painted or pre-decaled factory models are not permitted. Exhibits made from building blocks (Lego) are not permitted.
- If the model is being built from a kit, include a copy of the instructions with the information card. Original instructions should be kept by the exhibitor in a safe location at home.

Beginner (grades 3-5)

- Create and exhibit one age/grade appropriate model.

Intermediate (grades 6-8)

- Create and exhibit one age/grade appropriate model.

Advanced (grades 9-12)

- Create and exhibit one age/grade appropriate model.

## NEEDLE CRAFT

Project Superintendent: Jim and Diana Vance (765)461-1576 State Fair Entry: Yes

Manual(s):	Record Sheet: 4-H-618 4-H-618A Craft Information Card Must be completed yearly.
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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.

Exhibit Class Guidelines:

Beginner (grades 3-5)

- Create and exhibit one age/grade appropriate needle craft.

Intermediate (grades 6-8)

- Create and exhibit one age/grade appropriate needle craft.

Advanced (grades 9-12)

- Create and exhibit one age/grade appropriate needle craft.

## PEOPLE IN MY WORLD

Project Superintendent: Cindy Einselen (765) 395-7107

State Fair Entry: No

Manual(s): <i>People in My World</i>	Record Sheet: Must complete yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Levels: Grades (3-5), Grades (6-8), Grades (9-12)
3. Exhibit:
  - Research a country 1 to 2 years.
  - Complete requirements for Year 1, Year 2 or both and label exhibits.
  - Create a poster/display board and a folder/notebook.
  - Place name tags on display and notebook.
  - Include a reference list where information was obtained.

## PHOTOGRAPHY

Project Superintendent: Mandy Miller (765) 461-5495

State Fair Entry: Yes

Manual(s): Level 1: <i>Focus on Photography</i> Level 2: <i>Controlling the Image</i> Level 3: <i>Mastering Photography</i>	Record Sheet(s): 4-H 621-W Must be completed yearly.
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### Exhibit Guidelines:

Posters are to be 22" x 28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff.

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

**PRINT BOARD EXHIBITS** are to include 10 photos mounted on a poster as described above, each no larger than 5" x 7". 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" x 14", mounted on a standard 16" x 20" salon mount, and displayed vertically. Salon prints are to be placed in a clear plastic sleeve and captions are not recommended. Space should be left in the lower right-hand corner to place an exhibit tag provided by Purdue Extension staff.

Images may be taken with a film camera, digital camera, cell phone, or other electronic device. Altering of images by any other means besides the device it was taken with is to be entered in the CREATIVE/EXPERIMENTAL category. Creative/Experimental exhibits must include the original photo on the back side of the board, a description of how the image was altered, and equipment/software used to alter the image.

Editing photos such as cropping, color adjustment, and other enhancements are considered to be part of the normal photography educational learning process and are permissible. So judges can better evaluate a photography exhibit, the 4-H member is asked to attach to the back of their salon or print board exhibit the make and model of the 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/EXPERIMENTAL** class. Photos exhibited as creative/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.

### Exhibit Class Guidelines:

#### Beginner (grades 3-5):

Choose one or more of the following:

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

### Intermediate (grades 6-8):

Choose one or more of the following:

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

### Advanced (grades 9-12):

Choose one or more of the following:

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

## **PLANT SCIENCE**

Project Superintendent: Kim Walden (765) 469-0486

State Fair Entry: No

Manual(s): Division I: <i>Exploring the World of Plants and Soils</i> Division II: <i>Growing and Using Plants</i>	Record Sheet: County Record Sheet Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Complete at least three experiments that interest you. Do experiments by yourself or with a partner or a group.
3. Plan your experiments to take advantage of the different seasons. For instance, certain time of the year are best for germinating a tree seed.
4. Keep records. Be sure to answer the questions in this manual as you complete your experiments.

### **Division I & Division II**

- A. Exhibit one of your experiments
- B. Exhibit your record book

## **RECYCLED ARTICLES**

Project Superintendent:

State Fair Entry: No

Manual(s): <i>Recycled Articles</i>	Record Sheet: County Record Sheet Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Levels: Grades 3-5, Grades 6-8 and Grades 9-12
3. Article should be made from recycled, reused and/or reinvented items.
4. Article will be judged on creativity, neatness and construction techniques.

## SCRAPBOOK

Project Superintendent:

State Fair Entry: No

Manual(s): <i>Scrapbooking</i>	Record Sheet: County Record Sheet.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Pages should be covered using clear polypropylene single sheet protectors. No fold out pages will be allowed.
3. Exhibit must contain photographs, memorabilia, and documentation (labels, captions, journaling) based on grade level requirements.
4. Place a cover page containing a tab printed with the year (i.e. 2018) at the beginning of each year's exhibit. The cover page will not be counted as a page requirement.
5. Put the current year's work on top of last years. Remove all other years until after judging. Only the current year's work will be judged.
6. Place one empty polypropylene sheet protector in front of current year's cover page for the judge's score sheet which will be given to you at check-in.

### Level I (Grades 3-5):

- a. Exhibit should be displayed in an 8 ½" x 11" binder/scrapbook up to 1 ½ inches thick. It may be decorated, but will not be judged.
- b. Complete three pages front and back (six pages) in a theme of your choice.
- c. Photos and memorabilia should be labeled with names, dates, places, etc.

### Level II (Grades 6-8):

- a. Exhibit should be displayed in an 8 ½" x 11" binder/scrapbook up to 1 ½ inches thick. It may be decorated, but will not be judged.
- b. Complete four pages front and back (eight pages) in a theme of your choice.
- c. Photos should have captions.
- d. Brief journaling to record the history of memorabilia should be included.

### Level III (Grades 9-12):

- a. Exhibit can be displayed in a 12" x 12" book or an 8 ½" x 11" binder/scrapbook
- b. Complete five pages front and back (ten pages) in a theme of your choice.
- c. Use storytelling techniques to journal your pages. Pages should contain more detail at this level.

## SCRAPBOOK: DIGITALLY DESIGNED

Project Superintendent:

State Fair Entry: No

Manual(s): Digitally Designed Scrapbook	Record Sheet: Must be completed yearly.
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1. The album must have a front and back cover with the album pages firmly attached.
2. The album size must be at least 8" x 8" in a book-bound finish.
3. Digitally Designed Scrapbooks may also be constructed using a computer software program. The online/software service must allow for enough space for journal-writing requirements. Some examples of online services may be, Shutterfly, Snapfish, etc., but not limited to these programs.
4. Digitally Designed Scrapbooks must include photos, templates, decorations, & documentation in addition to division requirements.

**Level I (Grades 3-5):** Label photos with names of people, dates, and places.

**Level II (Grades 6-8):** Complete ALL beginner requirements plus include extended captions that record the happening in the photos.

**Level III (Grades 9-12):** Complete ALL beginner and intermediate requirements. In addition, include storytelling. Storytelling completes the story of a picture with your thoughts and feelings. Storytelling is not required for every picture, so please choose ones deserving of this.

## SEASONAL DECORATIONS

Project Superintendent:

State Fair Entry: Yes, entered as CRAFT

Manual(s): *Miami County 4-H Seasonal Decorations*

Record Sheet: County Record Sheet  
4-H-618A Craft Information Card  
Must be completed yearly.

1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Levels: Grades (3-5), Grades (6-8), Grades (9-12)
3. Decoration should be a holiday theme or special occasion.
4. Decoration will be judged on creativity, neatness and construction techniques.

## SEWING (Non-Wearable and Wearable)

Project Superintendent: Jeanette Merritt

State Fair Entry: Yes

Manual(s): Sew Much Fun Level A: *Sew Simple*  
Sew Much Fun Level B: *Sew Smart*  
Sew Much Fun Level C: *Sew Fine*  
Sew Much Fun Level D: *And Sew On*  
*Let's Sew: A Beginner's Guide* (1 per family)

Record Sheet(s): 4-H-925A-W; 4-H-925B-W;  
4-H-926A-W; 4-H-926B-W; 4-H-927A-W;  
4-H-927B-W; 4-H-928A-W  
Must be completed yearly.

### NON-WEARABLE:

#### 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, may assign the member to a lower-level grade level to develop fundamental skills.

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

#### Exhibit Class Guidelines:

- Grade 3: Create one non wearable sewn item demonstrating at least 2 skills from the Sewing Skills and Techniques, 4-H-925-SC-W
- Grade 4: Create one non wearable sewn item, or a set of items, demonstrating at least 2 skills from the 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 a set of items, demonstrating at least 3 skills from the Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in the prior grades.
- Grade 6: Create one non wearable sewn item, or a set of items, demonstrating at least 4 skills from the 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 a set of items, demonstrating at least 5 skills from the Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.
- Grades 8-12: Create one non wearable sewn item, or a set of items, demonstrating at least 6 skills from the Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

## **WEARABLE:**

### **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 the Sewing Skills and Techniques, 4-H-925-SW-C.
- Grade 4: Create one clothing article to be worn by the 4-H member or another person demonstrating at least 2 skills from the Sewing Skills and Techniques, 4-H-925-SW-C, in addition to those learned in the prior grade.
- Grade 5: Create one clothing article to be worn by the 4-H member or another person demonstrating at least 2 skills from the Sewing Skills and Techniques, 4-H-925-SW-C, in addition to those learned in the 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 the 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 the Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

### **Senior Exhibit Class Guidelines (grades 8-12):**

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 previous grades.

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

**DEFINITION OF AN OUTFIT:** An outfit is a garment or garments that when put together make a complete look – such as one- or two-piece dress, or one- or two-piece pant suit, or a combination, such as pants, vest, and a 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, one or two piece pant suit, or a combination, such as pants, vest, and a blouse or shirt.
- **Dress Up:**  
This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.
- **Free Choice:**  
A complete outfit comprised of garments that do not fit in the other classifications. A complete outfit is defined as a garment or garments that when put together make a complete look – such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt. Individual garment examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.
- **Suit or Coat:**  
The suit consists of two pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in “dress up wear”. The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.
- **Separates:**  
Consists of three garments that must be worn as a coordinated complete outfit. In this category, a complete outfit is defined as a garment or garments that when put together make a complete look – a three piece combination such as pants, vest, and a 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: 4-H FASHION REVUE

Project Superintendent: Jeanette Merritt (765) 689-8821

State Fair Entry: Yes

Manual(s): None	Record Sheet(s): None
<ul style="list-style-type: none"><li>• Open to all 4-H members in the Sewing-Wearable project</li><li>• 4-H members will receive information in the mail regarding Fashion Revue. You must bring your completed Fashion Revue questionnaire to the judging.</li><li>• Results from judging will be announced at the 4-H Fashion Revue held during the fair, Tuesday, June 20 at 7 PM.</li><li>• Category winners in the Senior division have the option to participate in the Indiana State Fair 4-H Fashion Revue. An exhibitor may participate in only one senior fashion revue category at the state fair.</li></ul>	

### Exhibit Guidelines:

All garments and outfits modeled in Fashion Revue, except consumer clothing entries, must have been constructed by the 4-H member modeling that same garment or outfit. Youth qualifying to exhibit the same garment or outfit in Indiana State Fair Sewing and Fashion Revue must choose which project they wish to participate as one and cannot exhibit the same garment or outfit in both projects at the 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 Division (Grades 3-7)

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

#### Senior Division (Grades 8-12)

**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 pants, vest, blouse or shirt.

**Dress Up:** This is suitable for special, church, or social occasions that are not considered to be informal. 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 a jacket as in "dress up wear". The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.

**Separates:** Consists of three garments that must be worn as a coordinated complete outfit. 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 a blouse or shirt. Each piece should be versatile enough to be worn with other garments.

**Formal Wear:** This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

## SHOOTING SPORTS EDUCATION

Project Superintendent: Kerstan Bayless (765)437-3958

State Fair Entry: Yes

Manual(s): <i>Shooting Sports Education Project</i> manual is distributed the 1 <sup>st</sup> year of the project.	Record Sheet(s): 4-H-950C-W Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. The 4-H Shooting Sports project teaches safe operation of firearms & archery equipment. Volunteer instructors must be certified at a workshop.
3. Six disciplines are offered at the state level: Archery, Hunting, Muzzle loading, Pistol, Rifle, and Shotgun. The disciplines offered in any county will depend on the availability of certified 4-H Shooting Sports instructors to teach the classes, ranges and equipment.
4. **IMPORTANT NOTES:**
  - **Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.**
  - **Live ammunition is not allowed to be exhibited (no powder or primer).**
  - **An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broadhead arrows are not allowed to be exhibited.**
  - **Displays involving firearms or bows may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines.**
  - **Handmade items must include information explaining how the project was made & its intended use. Photos are encouraged.**
5. Create an exhibit that shows the public what you learned in Shooting Sports Education this year. Exhibits must be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Be sure to include a label with your name, grade, and county. Title your exhibit with one of the following: archery, outdoor skills, muzzle loading, pistol, rifle, shotgun, or shooting sports. You can use a subtitle, if you wish.
6. All posters, notebooks, & display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members' exhibit. This reference list should/might include web site links, people & 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 the way references are listed.

**Level 1 (Grades 3-5) Exhibit:** Display a poster showing what you learned in the 4-H Shooting Sports project.

### Level 2 (Grades 6-8)

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

- Poster
- Small project or model no larger than 18" X 18" X 36".
- Notebook, showing how a Shooting Sports item was made, or project completed.

### Level 3 (Grades 9-12)

Exhibit: Choose one (1) of the following options--

- Poster
- Project or model (any size)
- Notebook, showing how a Shooting Sports item was made, or project completed.

### Independent Study (Grades 9-12):

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

## SMALL ENGINES

Project Superintendent: David Wildermuth (574) 382-0195  
Ryan LeMaster (765) 513-6436

State Fair Entry: Yes

Manual(s): Level 1: <i>Crank It Up</i> Level 2: <i>Warm It Up</i> Level 3: <i>Tune It Up</i>	Record Sheet(s): County Record Sheet Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. All posters, notebooks, & display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members' exhibit. This reference list should/might include web site links, people & 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 the way references are listed.

### Poster Requirements:

- Size 22" X 28"
- Mounted on stiff backing foam board, thin plywood, peg board or very stiff cardboard
- Displayed horizontally
- Covered in plastic
- 4-H member identification card

**Actual Engine Display:** The actual small engine may be displayed. It must be mounted on a stable base no larger than 30" X 30". For safety reasons, all fluids (fuel & oil) must be removed. Note: *It is strongly suggested that a notebook with details & pictures of what was done to the engine accompany the display.*

### Display Board Requirements:

- No more than 36" wide X 36" deep & free standing
- 3-dimensional display
- All items to be securely fastened
- 4-H member's exhibit card to be secured in lower right-hand corner

### Level 1 (Grades 3-5)

Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

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

### Level 2 (Grades 6-8)

Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

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

### Level 3 (Grades 9-12)

Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

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

### SOIL & WATER SCIENCE

Project Superintendent: Kortney Stroud (765) 473-1018

State Fair Entry: Yes

Manual(s): Soil & Water Science: Level 1 (PDF) Soil & Water Science: Level 2 (PDF) Soil & Water Science: Level 3 (PDF)	Record Sheet(s): 4-H-1027b-W Must be completed yearly.
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1. Create an exhibit that shows the public what you learned in the Soil & Water Science project with year.
2. Poster exhibits must be displayed horizontally, sized 22" X 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic or other transparent material. Use an appropriate exhibit title. Be sure to leave room in the lower right-hand corner for an identification label.
3. 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 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 the way references are listed.
4. Notebook exhibits must be displayed in a standard three-ring binder.
5. Choose one of the options listed below; appropriate for your grade in school.
6. Complete record sheet, insert in green folder & turn in by the end of the fair.

### Level 1 (Grades 3-5)

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

### Level 2 (Grades 6-8)

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

### Level 3 (Grades 9-12)

- A poster related to an activity from the Level 3 manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12.

### Independent Study (Grades 9-12):

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

## SPORTFISHING

Project Superintendent: John & Rose Brown (765) 472-4905

State Fair Entry: Yes

Manual(s): Fishing 1: Take the Bait Fishing 2: Reel in the Fun Fishing 3: Casting into the Future	Record Sheet(s): BU-7598a-W; 4-H-NR-AT; 4-H-NR-M Must be completed yearly.
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1. Create an exhibit that shows the public what you learned in the Sportfishing project this year.
2. Posters are to be 22" x 28", displayed horizontally, mounted on stiff backing and covered with clear plastic. Be sure to leave room in the lower right-hand corner for an identification label.
3. Choose one of the topics listed below, appropriate for your grade in school, and create a poster based on what you learned from the activity. Use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.
4. Complete record sheet, insert in green folder & turn in by end of the fair.
5. 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 the way references are listed.

### Level 1 (Grades 3-5)

Exhibit a poster based on one of the following activities:

- a. Let's Go Fishing! –Complete the Angling Self-Assessment and practice landing a fish as described in Playing a Fish. Display your self-assessment to show what you currently know about fishing and indicate what you hope to learn in this project. Draw or take photos of you "Playing a Fish".
- b. Pop Can Casting–Display a photo of you casting your pop can rig and casting record. Optional–display a photo of you casting a regular fishing rig and casting record with that rig.
- c. Hook, Line, and Sinker – Display at least two the rigs listed in "Fishing Deeper", #1. You can use a drawing or a picture to show these rigs. Answer the questions (Casting Out, Working the Lure, Setting the Hook, and Landing the Fish) on your exhibit.
- d. Fishy Baits – Complete and display cards like those shown (natural baits, prepared bait, artificial flies and lures). Answer the "Casting Out" questions on your exhibit.
- e. Which Fish is it? – Copy the pages in your manual, use the fish and the crossword puzzle. Identify the fish and make a display that shows the correct answers in the puzzle. (Optional – enlarge the crossword puzzle).

### Level 2 (Grades 6-8)

Exhibit a poster based on one of the following activities:

- a. A Different Spin – Display a picture of you while casting, a completed Casting Record and Spinning Reel Parts diagram. Also, answer the "Working the Lure" and "Setting the Hook" questions. (You may copy the ones in your manual or make your own).
- b. A Fine Kettle of Fish – Show a drawing or photograph of you cooking fish. Include your recipe and if possible, pictures of you cleaning and/or cooking your fish.
- c. Clean up the Litterbug – Complete and display the chart shown on page 16. Draw or take a photo of the fishing place that you cleaned up (before & after).
- d. The Woolly Bugger – Take pictures or make drawings to show how a wooly bugger is made. Answer the "Casting Out" and "Working the Lure" questions.
- e. A Fish by Design – Draw, take pictures, or find pictures on the Internet or in magazines to show (and identify) different mouth/feeding fish, body shapes and fish with different coloration. Briefly explain (3-5 sentences or bullet points) why fish have different mouths, body shapes and coloration.

### Level 3 (Grades 9-12)

Exhibit a poster based on one of the following activities:

- A Reel Mess – Draw, take photos, or copy the reels shown in Cleaning a Reel. Label the reels, the parts of each reel, and where you might use it. Show how you cleaned a reel using pictures or drawings.
- Designing a Skillathon Station – Make two Skillathon stations (you may use the suggestions on page 9 or another fishing topic of your choice). List the topic, realistic situation, task, and materials needed. Take photographs of younger 4-H members using your stations.
- Beads, Dog Hair and Feathers – Collect materials and tie a fly. You can display your fly or a picture of the fly. Also, list and draw or take pictures of the 7 materials in the matching game and indicate their potential notice.
- Collecting Aquatic Insects – Complete and display the chart on page 18 (you may copy the chart in your book or make your own). Draw or take pictures of your kick net and your sampling procedures. Answer the questions in “Casting Out” and “Working the Lure”.
- Cast Into the Future – Complete the Career Investigation Record after talking with someone currently working in an area related to fish or fishing. Include a picture of the person you interviewed and answer the questions in “Casting Out”, “Working the Lure”, “Setting the Hook”, and “Landing the Fish”.
- Keep a Field Journal – Reproduce or copy three to five Field Journal entries on your display. Include photographs that show where you had the fishing experience, if possible.
- Playing Know Your Fish – Make a “flap” quiz to teach fish facts. Show a picture or ask a question about a fish. Give the answer(s) under the flap. Choose 5-10 fish using at least 5 fish from your manual. Be sure to list multiple species if the information you provide applies to more than one of the species you choose.

### Independent Study (Grades 9-12):

- Advanced Topic:** Learn all you can about a sport fishing topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the references you used to describe what you did and what you learned. Title your poster, “Advanced Sport Fishing- Independent Study”.
- Mentoring:** Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Sport Fishing Mentor”.

## SPORTS

Project Superintendent:

State Fair Entry: No

Manual(s): *4-H Sports Manual*

Record Sheet: County Record Sheet  
Must be completed yearly.

- Complete record sheet, insert in green folder & turn in by the end of the fair.
- Levels: Grades (3-5), Grades (6-8), Grades (9-12)
- Select one sport to study and become familiar with its rules.
- Give a talk or demonstration to your class or 4-H club about the selected sport.
- Participate in the sport as a player, referee, manager, umpire or judge.
- Turn in a completed record sheet.

**Grades 3-12:** Exhibit - choose one of the following options:

- 3-ring binder or folder that includes:
  - Your name, sport and division
  - Pictures of you participating in the sport
  - A brief explanation of the sport; where it started, rules & regulations, special equipment used, why you enjoy it
- A (22" X 28") poster displayed horizontally showing what you did and learned about the sport.
- A video narrated by you and no longer than ten minutes explaining the sport and what you learned.
- Action Demonstration.

## STRAWBERRIES

Project Superintendent: Kim Walden (765) 469-0486

State Fair Entry: No

Manual(s): <i>The Strawberry Project</i>	Record Sheet: County Record Sheet Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Check "*The Strawberry Project*" manual for further information.

### Division I

- Plant a strawberry patch.
- Judge will visit patch.
- Complete record sheet.

### Division II

- Exhibit two quarts of fresh berries.
- Complete record sheet.

### Division III

- Exhibit two quarts of fresh berries or plant new patch.
- Complete record sheet.

## VETERINARY SCIENCE

Project Superintendent:

State Fair Entry: Yes

Manual(s): Veterinary 1: <i>From Airedales to Zebras</i> Veterinary 2: <i>All Systems Go!</i> Veterinary 3: <i>On the Cutting Edge</i>	Record Sheet(s): BU-08048, BU-08049, BU-08050 Must be completed yearly.
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1. 4-H Veterinary Science exhibits should be educational, covering one or more of the topics presented in the members' manual and/or found in the 4-H Veterinary Science Leaders Guide. An educational exhibit is one that can teach other people about your topic. Choose a topic you think is interesting and apply your imagination. All 4-H members developing Veterinary Science 4-H Fair exhibits should consult with their 4-H Veterinary Science Superintendent for further details, helpful ideas, and additional sources for reference.
2. Posters are displayed horizontally, 22" x 28", and mounted on a firm backing and covered in clear plastic or other transparent material.
3. 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 the way references are listed.
4. Complete record sheet, insert in green folder & turn in by the end of the fair.
5. Attend county workshops when available.
6. The 4-H member may also choose to do a Demonstration.

**Level I (Grades 3-5) Exhibit:** Make a poster related to Chapter 1, 2, or 3.

**Level 2 (Grades 6-8) Exhibit** 22" X 28" poster, display, or quiz board related to chapter 1, 2, or 3. Display or Quiz board should be no larger than 36" X 36" X 36".

**Level 3 (Grades 9-12) Exhibit:**

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

## WEATHER & CLIMATE SCIENCE

Project Superintendent:

State Fair Entry: Yes

Manual(s): Weather & Climate Science: Level 1 (PDF) Weather & Climate Science: Level 2 (PDF) Weather & Climate Science: Level 3 (PDF)	Record Sheet(s):4-H1023b-W Must be completed yearly.
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1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. Create an exhibit that shows the public what you learned in the Weather and Climate project this year.
3. Poster exhibits must be displayed horizontally, sized 22" X 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic or other transparent material.
4. Notebook exhibits must be displayed in a standard 3-ring binder.
5. 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 the way references are listed.
6. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to leave space for an identification label in the lower right-hand corner.

### Level 1 (Grades 3-5) Exhibit:

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

### Level 2 (Grades 6-8) Exhibit:

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

### Level 3 (Grades 9-12) Exhibit:

- a. A poster related to an activity from the Level 3 manual.
- b. A poster and/or notebook of a weather or climate related science experiment appropriate for grades 9-12.

### Independent Study (Grades 9-12)

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

## WILDLIFE

Project Superintendent:

State Fair Entry: Yes

Manual(s): Wildlife Science: Level 1 Wildlife Science: Level 2 Wildlife Science: Level 3	Record Sheet(s): 4-H-1044a-W Must be completed yearly.
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1. Complete record sheet, insert in green record folder & turn in by the end of the fair.
2. Exhibit Introduction: Create an exhibit that shows the public what you learned in the wildlife project this year. Poster should meet requirements in the front of this handbook.

**Level 1 (Grades 3-5)** Exhibit one of the following:

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

**Level 2 (Grades 6-8)** Exhibit one of the following:

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

**Level 3 (Grades 9-12)** Exhibit one of the following:

- a. A poster related to an activity from the Level 3 manual
- b. A poster &/or notebook of a wildlife-related science experiment appropriate for grades 9-12

**Independent Study (Grades 9-12)**

- **Advanced Topic**-Learn all you can about a wildlife topic, program, facility, project, etc. and present it on a poster or in a notebook. Take care to follow all state and federal guidelines when working with wildlife, with care when raising game birds, migratory birds, and endangered species. See the Indiana 4-H Wildlife project website, [www.ydae.purdue.edu/natural\\_resources/4-H,NR,Projects/Projects/wildlife/](http://www.ydae.purdue.edu/natural_resources/4-H,NR,Projects/Projects/wildlife/) for more information. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Wildlife-Independent Study".
- **Mentoring**-Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Wildlife-Mentor".

## WOOD WORKING

Project Superintendent:

State Fair Entry: Yes

Manual(s): Woodworking 1: <i>Measuring Up</i> Woodworking 2: <i>Making the Cut</i> Woodworking 3: <i>Nailing It Together</i> Woodworking 4: <i>Finishing Up</i>	Record Sheet(s): 4-H-2143a Must be completed yearly.
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1. ALL LEVELS need to turn in project manual with required activities and record sheet completed.
2. A Champion will be chosen at the county level for each grade, 3 through 12. There will be one (1) State Fair entry selected for Grades 3-4, one (1) for Grades 5-6, one (1) for Grades 7-9, and one (1) for Grades 10-12.
3. Insert record sheet in green folder after judging & turn in by the end of the fair.
4. Woodworking projects should be no larger than 3' deep and 4' long. IF SPACE IS AVAILABLE, larger projects will be exhibited after judging. If not, they will be sent home after judging. If your exhibit is larger than the 3' x 4' size requested, please come prepared with a picture of your project in a simple notebook for display. You are still required to bring your larger project for judging.
5. Important note for Grades 3-6: Tools that pose limited safety concerns can be used to complete the exhibit. Examples include: All hand tools such as power screwdriver, pad sander, cordless drill. Tools that pose greater potential for injuries should not be used. For example: table saw, router, band saw.
6. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit.

### Level 1 (Grades 3-4) Exhibit one of the following choices:

- a. *Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W. Exhibits may also include higher level techniques that have been mastered. Any higher-level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.*
- b. Exhibit a poster on any topic covered in the Level 1 manual.

### Level 2 (Grades 5-6) Exhibit one of the following choices:

- a. *Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher-level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.*
- b. Exhibit a poster on any topic covered in the Level 2 manual.

### Level 3 (Grades 7-9) Exhibit one of the following choices:

- a. *Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher-level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.*
- b. Exhibit a poster on any topic covered in the Level 3 manual.

### Level 4 (Grades 10-12) Exhibit one of the following choices:

- a. *Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.*
- b. Exhibit a poster on any topic covered in the Level 4 manual.

## **4-H LIVESTOCK - GENERAL RULES**

- **ALL LIVESTOCK MUST BE IDENTIFIED BY MAY 15:** Beef and Dairy Beef Market Steers, Beef and Dairy Feeder Steers and Heifers, Registered Heifers, Dairy, Horse & Pony, Goat, Rabbit, Sheep & Swine.
- **All animals should be declared in Fair Entry by May 15. You can enroll an unlimited number of animals in 4HOnline but ONLY those livestock being brought to the county fair should be declared in Fair Entry by May 15.**
- **ALL 4-H members showing livestock (Cattle, Goats, Poultry, Rabbits, Sheep, & Swine) must complete the mandatory Youth for the Quality Care of Animals (YQCA) training ANNUALLY by June 15, 2023.**

1. All 4-H members enrolled in the following livestock projects: Beef Cattle, Dairy Cattle, Sheep, Goats, Swine, Rabbits, and/or Poultry must complete the mandatory Youth for the Quality Care of Animals (YQCA) state requirement ANNUALLY to exhibit livestock at the County and State Fair levels. This is an annual program that youth can complete via online modules or in-person trainings. Youth may attend in-person trainings in other counties if preferred. Youth must have this completed no later than **June 15**. If this training is not completed, youth will not be eligible to exhibit their livestock at the fair, nor sell their animal in the auction.
2. All livestock must be in the possession of the 4-H member and kept at the member's residence where they can personally care for their animals by May 15. If it is impossible for the 4-H member to keep enrolled animals at their residence, it should be so stated on the enrollment form including name and address of the person the animal resides with; subject to approval by the Project Superintendent and the Extension Office.
3. Each 4-H member must own his/her own exhibit. (Horse & Pony members read specific Horse & Pony rules). Dairy Heifers, Horses, and Ponies may be leased subject to approval of both the county 4-H Dairy and Horse & Pony Superintendent and the county Extension Office.
4. All breeding animals must be registered to show in a recognized breed class and must show registration papers. 4-H animals in 4-H breeding classes will NOT be accepted at the State Fair that are registered in a father's name only, or partnerships with unrelated persons (such as, "Smith View & Smith Oak", "John Doe & William Smith", "Long Oak & William Smith", etc.). Acceptable registrations are (1) in the 4-H member's name, (2) John Smith & Sons, (3) John Smith, Sons & Daughters, (4) Mark Smith (brother) and Mary Smith (sister), (5) Family Corporations, where the 4-H members name appears as a holder of stock in the corporation, and proof of the same must be supplied on or before the enrollment date, (6) Family partnership where the father, mother, brother, sister, and/or legal guardian is also in the family partnership and the 4-H members' name appears on the partnership. Proof of name must be supplied on or before the enrollment date.
5. No livestock exhibits will be allowed on the 4-H fairgrounds until Sunday of the fair at 7:00 PM unless otherwise specified by the General Superintendent of Livestock.  
Livestock check-in times:
  - **Swine** must be entered, weighed and stalled from 7 PM to 10 PM the Sunday of the fair. No entries will be accepted after 10 PM.
  - **Beef, Dairy, Goat, Guinea Pig, Horse & Pony, Poultry, Rabbit and Sheep** must be entered, weighed and stalled from 6:00 AM to 12:00 PM on Monday of the fair. No entries will be accepted after 12:00 PM.
6. Before animals will be allowed to unload, animal enrollment forms and Breed Association papers **must** be checked by the Department Superintendent or Assistant. Any animal in question must remain on the truck until approved by a veterinarian designated by the Fair Board.
7. Complete your Indiana Livestock Record Sheet, get it initialed by the superintendent, insert in your green folder and turn it in by the last day of the fair.
8. A 4-H member should exhibit his/her animal at the 4-H Fair to complete the project. If he/she chooses not to exhibit an animal, a completed record sheet will be accepted for completion of that project.
9. Livestock stalls and pens:
  - All livestock stalls and pens will be assigned by the Livestock Superintendent.
  - All Grand Champions in livestock must be displayed in a special area furnished by the Department Superintendent. Two hours post show animals need to be in Grand Champion pens/stalls or they forfeit all trophies for that animal.

- 4-H'ers must keep their own stalls or pens or clean and will furnish feed and bedding for their own livestock. 4-H'ers deemed in violation of this rule by the Department Superintendent and a member of the Miami County Livestock Association or an Extension Educator will be assessed a \$20.00 fee per pen. If the 4-H member has item(s) going through the auction, the fee will be taken out of the auction check.
  - Each person is required to clean his/her own pen before selling the animal, and/or taking any animals home.
10. Only fans with safety shrouds are allowed at the fair.
  11. **4-H members will always not be allowed to stay overnight at the fair unless accompanied by his/her parent or legal guardian. "Overnight" is defined as the time between the fair shutting down (or by midnight), and until early morning feeding of the animals (morning light in the summer).**
  12. Awards will be presented to one Herdsman in Beef, Sheep, Goats, Dairy, Rabbits, Poultry, and Horse & Pony. Swine will have two awards; Junior and Senior.
  13. 4-H members having an entry in livestock classes must show their own animals. In case of sickness or having two (2) animals in the same class, the owner may have the animal shown by another Miami County 4-H club member. You must have prior approval from the Department Superintendent in charge of the class in which the animal is to be shown.
  14. **4-H members MUST dress appropriately for the 4-H Livestock shows and auction. Appropriate dress includes being neat and clean, showing no midriff, wearing shirts with sleeves, showing NO cleavage either standing up or bending over, pants, closed-toe shoes, and NO visible tattoos. NO livestock member should wear pageant sashes or crowns while showing animals in the livestock shows. Commercial advertisement of names or insignia and farm and family names on 4-H exhibits or 4-H members while showing or selling is prohibited. 4-H member will be asked to correct what is in violation of the dress code before being allowed to show. Failure to comply will forfeit your participation in judging.**
  15. Blue, red, and white ribbons are awarded for projects in Poultry. All other exhibits (i.e. livestock) are to be awarded 1<sup>st</sup> through 5<sup>th</sup> placing in each class with participation ribbons for all others. The animal receiving the first-place premium ribbon in each class is eligible to return to show for Champion. The Reserve Champion ribbon will be awarded either to one of the first-place animals remaining in the ring after the Champion has been selected, or to the second-place animal that was in the Champion's original class.
  16. All livestock exhibits are to stay at the fair the entire time of the fair (**Monday – Saturday**) except for cows in milk which may be brought in the day of the show.
  17. All livestock (*except Horse & Pony*) that are not selling in the auction will be released between 6 a.m. and 12 p.m. on **Saturday**, unless otherwise specified by the General Superintendent of Livestock.
  18. Any 4-H member removing his/her livestock exhibit early without permission will forfeit all ribbons, trophies, and awards. The project will be deemed incomplete and all sale rights will be forfeited for all livestock projects. Sale rights include: selling in the auction, direct sale, and having an animal sent for butcher."
  19. There will be no icing or peppering of livestock or the animal will be disqualified. Icing is the direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of the animal. This deceptive and fraudulent practice will result in the exhibitor and their animal(s) being immediately disqualified.
  20. Any 4-H member disobeying **any** of the General 4-H Livestock rules, or rules listed for their specific species will forfeit **all** ribbons, trophies, and awards. The project will be deemed incomplete and all sale rights for all that 4-H member's livestock projects will be forfeited. Sale rights include: selling in the auction, direct sale, and having an animal sent for butcher.
  21. Animals are to stay within 50 feet of their respective barn or wash rack or designated exercise area *unless* directed by the superintendent. Animals may be exercised in the show arena, except for one hour prior and post show.
  22. All animals are to be identified in 4HOnline.
  23. The 840-RFID tag box is now a required field in 4HOnline for beef cattle, dairy cattle and swine.
  24. Lost tags: It is important for the Extension Educator or 4-H superintendent to witness retagging of animals to maintain integrity of the ID system. The extension office staff will make the change in 4HOnline denoting the change of tag numbers.
  25. All beef and dairy beef market steers must have their DNA hair samples to the Extension office by May 15. All beef heifers and dairy feeder steers must have their DNA hair samples to the Extension office by May 15. We will mail them close of business on May 15.

**2023 REQUIRED ANIMAL ID BY SPECIES: (This information is very important for 4-H'ers who show at the state fair.)**

Animal Species	Method of Identification	4HOnline ID Deadline
Beef and Dairy Beef Steers	840-RFID tag <b>and</b> 5-digit county tag <b>and</b> DNA hair sample	May 15
Commercial Heifers	840-RFID tag <b>and</b> 5-digit county tag <b>and</b> DNA hair sample	May 15
Registered Heifers	840-RFID tag <b>and</b> tattoo <b>and</b> DNA hair sample	May 15
Market Lambs	840-RFID tag <b>and</b> 5-digit county tag <b>and</b> DNA hair sample	May 15
Commercial Ewes	840-RFID tag <b>and</b> 5-digit county tag/or scrapie tag <b>and</b> DNA hair sample	May 15
Registered Ewes	840-RFID tag <b>and</b> Tag from registration paper <b>and</b> DNA hair sample	May 15
Swine	840-RFID tag <b>and</b> ear notch <b>and</b> DNA hair sample	May 15
Dairy Cattle Females	840-RFID tag <b>and</b> animal's registered name and number (or dam's)	May 15
Meat Goat Wethers	840-RFID tag <b>and</b> 5-digit county tag <b>and</b> DNA hair sample	May 15
Market Goat Does	840-RFID tag <b>and</b> 5-digit county tag <b>and</b> DNA hair sample	May 15
Boer Goat Females	Tattoo <b>and</b> DNA hair sample	May 15
Dairy Goat Females	Tattoo	May 15
Dairy Goat Wethers	5-digit county tag <b>or</b> tattoo	May 15
Pygmy Goats	Tattoo/ <b>or</b> microchip <b>or</b> USDA scrapie tag/ <b>or</b> scrapie tattoo	May 15
Horse & Pony	Two Color pictures	May 15
Rabbit	Left ear tattoo	May 15

**LIVESTOCK GRIEVANCES:** *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.*

## ETHICS OF 4-H LIVESTOCK EXHIBITION

1. **UNETHICAL FITTING OF ANIMAL EXHIBITS** is defined as the administration of any substance (to include, but not limited to drugs covered in #2 below, blood, oils, steroids, air, chemical substances) or performance of any surgical or non-surgical procedure altering the animal's configuration or natural conformation of any part of the animal's body, or rendering its tissue unfit for human consumption, is prohibited. This also includes pumping, drenching, icing, and peppering. Exceptions 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.
2. **4-H MARKET ANIMALS SHALL NOT CONTAIN** any identifiable or unidentifiable foreign substance including drugs, steroids, or chemicals, greater than those standards established by the United State Department of Agriculture (USDA) or the Food and Drug Administration (FDA), as permissible for sale for consumption as human food, both on day of show and day of shipment to market from the Miami County 4-H Fair. Test samples collected from 4-H animals shall be free of any foreign substance, including steroids, drugs, or chemicals affecting the central nervous system (for example: stimulants, depressants, or painkillers). **Drugs may not be administered to 4-H animal exhibits at the Miami County 4-H Fair except those administered after approval from the Department Superintendent and Barn Director. The procedure must be witnessed by the Department Superintendent or his designee.** Exhibitors whose animals test positive for any drug or foreign substance in violation of this term and condition shall be disqualified, forfeit all trophies and awards, and will not be allowed to sell in the Livestock Sale. Furthermore, the exhibitor shall be barred from competition at the Miami County Fair for a period of one year including the following fair.
3. The test results from the testing laboratories are final and binding upon the exhibitor, the exhibitor's parents and/or legal guardian, even if the exhibitor or the parents and/or guardians are innocent of any wrongdoing, and did not administer the drug or foreign substance to the exhibitor's animal. The exhibitor and the exhibitor's parents and/or legal guardians agree that they are ultimately responsible for the care and custody of their animals in preparation for and while at the Miami County 4-H Fair.

4. The Miami County 4-H Fair Board reserves the right to examine and/or test any 4-H animal exhibit 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. The submission of the 4-H entry to the fair by an exhibitor expressly grants the Miami County Fair Board and its Superintendents the right to conduct such tests. Refusing such tests will result in disqualification and forfeiture of all ribbons and trophies and the ability to sell in the Livestock sale.
5. If an exhibitor or parent alleges unethical fitting has occurred, they must file a written grievance and pay a \$200.00 deposit to the Miami County 4-H Fair Board. If these allegations are found true, the violator will be charged all testing and lab fees, and the party filing the grievance will be refunded the \$200.00 fee. If the allegations are proven false, the \$200.00 deposit will be forfeited to cover the cost of testing and laboratory fees.
6. At the Miami County 4-H Fair, the 4-H animal exhibitor may receive clipping & grooming assistance only from their immediate family, which is defined as a father, mother, stepfather, stepmother, legal guardian, brother, sister, stepbrother, stepsister, grandfather, step-grandfather, grandmother, step-grandmother, aunt, uncle, Department Superintendent of that project and their assistants, or from another 4-H exhibitor. Guardianships granted on a temporary basis for circumventing these terms and conditions will not be recognized as "family".

#### **SHOWMANSHIP** (for all animals *except* Cat, Dog, Horse, Rabbit & Swine)

1. Grade brackets will be as of January 1 of the current year: **Beginning 3-5** **Junior 6-8** **Senior 9-12**
2. 4-H members who compete in 4-H Showmanship classes must show their own animal that was or will be exhibited by them in one (1) of the regular 4-H classes. In case of unforeseeable circumstances, the General Livestock Superintendent and project Superintendent may jointly use their discretion on this rule.
3. **Beginner Showmanship**- All 4-H exhibitors in grades 3-5 on Jan 1 of the current year are eligible.
4. **Junior Showmanship**- All 4-H exhibitors in the grades 6-8 on Jan 1 of the current year are eligible.
5. **Senior Showmanship**- All 4-H exhibitors in the grades 9-12 on Jan 1 of the current year are eligible.
6. All 4-H exhibitors are eligible for showmanship classes regardless of previous winnings.
7. Considerations for Showmanship Class:
  - Showman on the alert watches both animal and judge.
  - Animal should stand with head up and stand squarely on all four feet.
  - Showman poses animal to bring out good points and minimize poor points.
  - Showman neatly and appropriately dressed; equipment should be neat and clean.
  - Animal should not be over-worked or treated roughly.
  - 4-H members enrolled in both the Beef project and Feeder project must choose to be in either the Feeder Showmanship **or** the Beef Showmanship class.

#### **ROYAL SHOWMANSHIP**

1. Participants will be the Senior division showmanship winner announced at the show, of each specie. (Beginners & Juniors are exempt from this showmanship class). The species will consist of Beef (Steer, Dairy Steer & Beef Heifer), Dairy, Feeders (Beef & Dairy), Horses, Goats, Sheep & Swine. Horse pattern will be posted 2 hours prior to the show.
2. Only one (1) participant per specie, for a total of seven (7) participants.
3. Each Senior Showman will have two (2) hours after their show to decide if they plan to participate.
4. If a participant wins more than one (1) specie, he/she will choose which specie he/she will represent. The alternate will then be allowed to represent the other species.
5. Each participant will be required to show each of the species in the Royal Showmanship class.
6. Participants will always remain in the show arena except for going to and from the horse arena during the Royal Showmanship class. Upon entering the show arena participants are not allowed to speak to anyone **except** the judge and the superintendents of the show. If a participant speaks to or receives show tips from anyone during the contest they will automatically be disqualified.
7. The superintendent will choose which animals will be used for the Royal Showmanship class from that of which specie they represent.
8. Every effort will be made not to use an animal of any participant. In the event a participant's animal is used, he/she will not be allowed to show his/her own.
9. No animals in heat will be used in the Royal Showmanship class.

10. A participant will be allowed to practice with each specie but only at the convenience of a 4-H member within the animal project.
11. All show supplies will be provided (show sticks, brushes, etc.).
12. A scoring system provided to the judge will be used to determine the winner.
13. All past winners of Royal Showmanship class will be **ineligible** to compete again at the Miami County 4-H Fair Royal Showmanship class.
14. A trophy will be presented to the Royal Showmanship winner.

#### **LIVESTOCK AUCTION** (except Cat, Dog, Horse & Guinea Pig)

1. A 4-H member may sell only one (1) exhibit in the 4-H Livestock Sale.
2. Each 4-H member must sign that they understand that **any** animal that goes through the auction will be sold and sent to a processing plant except for feeder calves. No animals will be returned to the 4-H member, and animals are **no longer eligible** for exhibit at any further judging events.
3. 4-H members will not be allowed to sell an animal if pens are not cleaned.
4. Hair on Swine must be 1/2 inch or longer at the time of sale or our packer may refuse to process.
5. To be eligible to sell, animals must meet a minimum weight requirement as follows:  
**Hogs-** 200 lbs.  
**Sheep-** 70 lbs.  
**Cattle-** 900 lbs. except for feeder calves  
**Rabbits-** 3 ½ lbs.  
**Poultry & Waterfowl-** 3 ½ lbs.  
**Goats-** 30 lbs.
6. **4-H member will declare what they wish to sell at the time of check-in on Monday morning.** A 4-H member wishing to change the animal they wish to sell due to placing in a show has until one (1) hour after completion of the said show to make that change.
7. If Grand Champion and Reserve Grand Champion sell, the animals will sell at the beginning of their respective sale. Others in the sale will draw for positions. Dairy, Steers, Rabbits, Poultry, Goats, and the milk of exhibited Milk Cows and Goats, and Breed Champion will be allowed to sell at the Livestock Sale.
8. A charge of 5% of the sale price on Beef, Dairy Steer, Milk, Sheep, Swine, Rabbits, Poultry, Waterfowl, and Goats will be made on all animals which sell in the 4-H auction. This fee will be deducted from the check by the Fair Board before it is sent to the 4-H member. These fees will be used to cover the required check-off fees, auction expenses, and other livestock related expenses.
9. **Checks for livestock sold in the auction or by direct sale, will be issued anywhere from 30 – 60 days from the date of the auction. All questions should be directed to the 4-H Fair Board Auction Chairman.**
10. **Each 4-H member must be present at the time of the Livestock Sale or have made other arrangements with the Department Superintendent.** This request must be made 24 hours in advance, in writing, and must be approved by the Sale Committee and the Department Superintendent. In case of an absence, only a current 4-H member can sell another 4-H member's animal.
11. The 4-H member is responsible for his or her animal until delivered to its pen following the sale. Any Rabbit or Poultry not claimed by 4:00 p.m. **Saturday** will be sold in the sale with the proceeds going to the Fair Board.
12. All 4-H members participating in the Livestock Sale must be dressed appropriately. See Rule #13 in the General Livestock rules.

#### **ANIMAL HEALTH REQUIREMENTS FOR EXHIBITION OF DOMESTIC ANIMALS IN INDIANA 2022**

##### **GENERAL REQUIREMENTS FOR ALL SPECIES:**

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

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

## A. Limitations on Exhibition

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

1. Failure to meet all animal health requirements will result in removal of animals from the exhibition premises.
2. The following animals are not eligible for exhibition in Indiana:
  - a. Animals that originate from a herd that is under quarantine.
  - b. An animal prohibited from exhibition under any law or order.
  - c. Any animal classified as a brucellosis "suspect".
  - d. Animals showing signs of any infectious or communicable disease or that are a health hazard to people or other animals.
  - e. Any animal that does not meet state animal health requirements.
3. Any animal that develops or shows signs of any infectious or communicable disease during exhibition must be removed from the premises, including the surrounding exhibition grounds. An owner who is disputing the exclusion of his/her animal(s) from exhibition may not exhibit the animal in question pending any appeal.
4. The State Veterinarian is authorized to make the final determination as to an animal's eligibility for exhibition. The state veterinarian may order removal of any animal from the exhibition grounds.
5. Exhibition organizers may impose health requirements in addition to those prescribed by BOAH. Added requirements may not contradict requirements imposed by BOAH.
6. Exhibition organizers may have a licensed and accredited veterinarian review animals and animal health documentation during the exhibition.

## B. Certificates of Veterinary Inspection

1. **For animals that originate within Indiana**, a certificate of veterinary inspection (commonly known as a "health paper") is not required by BOAH for exhibition. Contact the exhibition organizer to determine if a certificate of veterinary inspection (CVI) is necessary to meet the organizers exhibition requirements.
2. **For animals that originate outside of Indiana**, the exhibitor must have a properly completed CVI for all animals prior to entry. This requirement applies to all domestic animals (except fish and poultry).
  - a. CVIs must be completed by a licensed and accredited veterinarian who has personally inspected the animals.
  - b. A CVI for any animal is valid for 30 days from the date it is issued by a licensed and accredited veterinarian.  
*NOTE: Animal(s) must be inspected by a licensed and accredited veterinarian no more than ten days prior to the date in which the CVI is issued.*
  - c. CVIs must clearly include a description of each animal including the age, sex, and breed of the animal, and the official individual identification.
  - d. CVIs must accompany the animal while on the exhibition premises.

## C. Pre-Entry Movement Permit (REVISED 1/1/22)

1. **For swine and cattle that originate within Indiana**, a pre-entry movement permit is not required.
2. **For swine and cattle that originate outside of Indiana**, a pre-entry movement permit is not required when an electronic certificate of veterinary inspection is issued.
3. **For swine and cattle originating outside of Indiana**, a pre-entry movement permit is required when a paper certificate of veterinary inspection is issued
  - a. The 2022 Indiana State Fair pre-entry movement permit number is "INSF22" and must be noted on the paper certificates of veterinary inspection.
  - b. The 2022 National Swine Registry Open and Junior Exposition pre-entry movement permit number is "EXP22" and must be noted on the paper certificate of veterinary inspection.
2. **For farmed cervids that originate outside of Indiana**, a BOAH approved pre-entry movement permit number must be noted on the certificate of veterinary inspection. Permit applications are available online at:  
<http://www.in.gov/boah/speciesinformation/cervids-deer-elk/>
  - a. The pre-entry movement permit application must be received by BOAH at least 5 business days before moving into Indiana.
  - b. The Indiana State Board of Animal Health must authorize any proposed movements prior to entry into the State.

#### **D. Indiana State Fairgrounds**

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

#### **E. Identification**

All exhibition animals must be permanently and individually identified unless otherwise noted. Official ear tags are tags approved by the USDA that bear the US shield. All official identification and any additional identification devices should be recorded on the certificate of veterinary inspection. Official identification acceptable for specific species of livestock exhibited in Indiana are as follows:

##### **CATTLE (ONE OF THE FOLLOWING)**

- 840 tags may or may not be RFID (radio frequency identification), 15 digits, beginning with 840
- NUES (brite) tags, steel or plastic
- Official USDA program tags, such as orange calf-hood vaccination tags

##### **SHEEP AND GOATS (ONE OF THE FOLLOWING)**

- Scrapie program flock tags
- Electronic implant (goats only), for breed-registered animals only when noted on registration paperwork
- Tattoo, if accompanied by registration papers with tattoo noted
- Tattoo of the scrapie flock ID number along with an individual animal ID number
- Wethers younger than 18 months of age must bear a unique, permanent ID of any form (not necessarily an official/scrapie tag)

##### **SWINE (ONE OF THE FOLLOWING)**

- Official 840 ear tag (electronic-RFID or visual tag)
- NUES tag, plastic or steel
- Official Premise ID Number ("PIN") tag\*\*

*\*\*NOTE: Official PIN tags MUST include a premise number and unique animal ID imprinted by the manufacturer. (Standard PIN tags usually do not include an individual ID number; therefore, owners need to specify when ordering.)*

- Ear notch, if the ear notch has been recorded in the book of record of a purebred registry association
- Tattoo, if the tattoo is registered with a swine registry association

##### **HORSES (ONE OF THE FOLLOWING)**

- Physical description of the animal including: name, age, breed, color, gender, distinctive markings, cowlicks, scars, blemishes, biometric measures, brands, tattoos, etc.
- Digital photographs
- USDA-approved electronic implant (microchip)

#### **ALL OTHER SPECIES**

- Physical description enough to identify the individual animal.

If any additional identification other than the official identification is present, one of the additional identifications should also be listed on the certificate of veterinary inspection.

#### **F. Testing**

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

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

## **CATTLE**

1. **Cattle from Indiana** do not need a brucellosis test or a tuberculosis test for exhibition in Indiana.
2. The following **cattle from outside the state** must test negative for **tuberculosis** within 60 days prior to the date of arrival to the exhibition:
  - **Cattle from states that are not designated tuberculosis free by USDA** must meet additional requirements for entry into Indiana. Contact the Indiana State Board of Animal Health for specific information.
4. **Cattle from outside the state** do not need a brucellosis test if the state of origin is classified as brucellosis free by USDA.
5. All cattle, including Indiana cattle, that are to be offered for sale at an exhibition must have the necessary testing and other requirements completed within 30 days prior to the sale date.

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

## **SHEEP AND GOATS**

1. Blankets must be removed from all sheep at the time of arrival.
2. All sheep wethers must be presented slick-shorn for inspection at arrival.
3. No sheep or goats may be exhibited that are showing signs of being infected with ringworm.

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

## **SWINE**

1. Brucellosis testing
  - a. Swine from Indiana do not need a brucellosis test.
  - b. Swine from outside the state do not need a brucellosis test, if the state of origin is classified brucellosis free by USDA. A certificate of veterinary inspection is still required.
2. Pseudorabies testing
  - a. Swine from Indiana do not need a pseudorabies test.
  - b. Swine from outside the state do not need a pseudorabies test if the state of origin is classified pseudorabies free by USDA. A certificate of veterinary inspection is still required.
3. All swine that are to be sold at a breed sale should have a certificate of veterinary inspection issued within 30 days prior to the sale to facilitate interstate movement after the sale.

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

## **HORSES**

1. Horses coming from outside Indiana for exhibition in Indiana must meet the following requirements:
  - a. Each horse must test negative for equine infectious anemia (EIA) (a "Coggins test") within 12 months of the date of exhibition. Each horse must be accompanied by an official certificate of veterinary inspection that indicates the results of the EIA test.
  - b. A suckling foal accompanying a dam that has tested negative for EIA within 12 months of the exhibition is exempt from the EIA testing requirement.
2. The following applies to horses coming from Indiana for in-state exhibition:
  - a. A certificate of veterinary inspection is not required.
  - b. An EIA test is not required.

***NOTICE: Indiana state 4-H imposes vaccination requirements for horse show participants beyond the requirements of the Indiana State Board of Animal Health minimum requirements. Check with your local 4-H Purdue Extension educator for those requirements.***

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

## **POULTRY**

### **1. SEE GENERAL REQUIREMENTS FOR ALL SPECIES**

2. Indiana defines poultry as: chickens, turkeys, ostriches, emus, rheas, cassowaries, waterfowl (domesticated fowl that normally swim, such as ducks, geese and swans), and game birds (domesticated fowl such as pheasants, pea fowl, partridge, quail, grouse, and guineas).
3. All poultry presented for exhibition, except waterfowl, must meet one of the following requirements:
  - a. Test negative for pullorum-typhoid within 90 days prior to the date of their exhibition.
  - b. Be hatched from eggs originating from certified NPIP pullorum-typhoid clean flocks.
  - c. Originate from a flock where the entire flock is certified NPIP pullorum-typhoid clean.

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

## **DOGS**

### **1. SEE GENERAL REQUIREMENTS FOR ALL SPECIES.**

2. Each dog presented for exhibition must be accompanied by a certificate of vaccination or other statement, signed by a licensed and accredited veterinarian, that indicates the vaccinations each animal has been given. A certificate of veterinary inspection may be used to document vaccinations, but is not required for dogs within Indiana.
3. All dogs 3 months of age and older must be vaccinated for rabies by a licensed and accredited veterinarian in accordance with the state rabies vaccination law. A certificate of vaccination for rabies must accompany the animal to the exhibition.

***NOTICE: Indiana state 4-H imposes vaccination requirements for dog show participants beyond the requirements of the Indiana State Board of Animal Health minimum requirements. Check with your local 4-H Purdue Extension educator for those requirements.***

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

## **CATS**

1. Each cat presented for exhibition must be accompanied by a certificate of vaccination or other statement, signed by a licensed and accredited veterinarian, that indicates the vaccinations each animal has been given. A certificate of veterinary inspection may be used to document vaccinations, but is not required for cats within Indiana.
2. All cats older than 3 months of age must be vaccinated for rabies by a licensed and accredited veterinarian in accordance with the state rabies vaccination law.

***NOTICE: Indiana State 4-H imposes vaccination requirements for cat show participants beyond the requirements of the Indiana State Board of Animal Health minimum requirements. Check with your local 4-H Purdue Extension educator for those requirements.***

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

## PREMISE IDENTIFICATION

**You must enter a Premise ID in 4HOnline!** *Although health papers are no longer required to show at the Miami County 4-H Fair, you will be required to identify your animal(s) in your 4HOnline account and check in with the Superintendent for your project before you unload the animal(s). Please remember as of September 1, 2006 (according to BOAH State Law), Premise ID numbers are required for each location where animals are born, housed, marketed or exhibited.*

**Why is a national animal traceability program needed?** A national system is needed to help protect American animal agriculture from foreign or domestic disease threats. Fundamental to controlling any disease threat is a system that quickly and effectively identifies individual animals or groups; the premise where they are located; and the date of entry to that premise. Identifying all food and livestock animals will enhance disease preparedness by allowing the U.S. to identify and locate any animals exposed to disease and will facilitate stopping its spread.

**Is the premise ID program mandatory?** Indiana state law requires premise identification for all sites associated with the purchase, sale, or exhibition of livestock in the state of Indiana.

**What are the benefits for 4-Hers to participate in the premise ID program?** Registration provides government animal health agencies essential contact information (name, phone number, address) for livestock owners. That data can be accessed in an animal health emergency to speed notification. Faster notification is essential to the rapid containment and control of disease. That translates into faster eradication and recovery from a potential economic disaster. Premise ID is especially useful for exhibitors. Exhibition livestock regularly commingle at fairs and shows; this can cause animals to be more susceptible to disease. Premise ID makes traceback of these animals much simpler.

**What species are included in Indiana's premise ID program?** Indiana's rule includes mandatory registration for cattle/bison, cervids, swine, sheep and goats. Poultry and aquaculture are also part of Indiana's plan. Although it is not mandatory, equine and camelids may be registered voluntarily.

**Do scrapie program flocks need to register?** Flock owners enrolled in the scrapie program will still need to enroll; however, enrollment will be more like updating your information. We need to be sure that, should an emergency occur, we have the contact information for the flock/herd, verified locations of the animals—the scrapie program only requires a mailing address, not physical locations of animals—and determination if the operation needs more than one premise ID number. We also need information on what other species, if any, are present on the sites.

**What about my scrapie ID number?** The premise ID number to be assigned under this program will not replace or alter your scrapie flock or tag numbers. While we cannot say “never”, we can tell you that for the immediate future, scrapie program participants should continue to use their flock numbers and tag their animals as they have been, regardless of the premise registration number.

**What information will be collected in the database?** The information needs for registering a premise are little more than a telephone book: Name, address and phone number(s) for primary and secondary contacts for the animals housed at each premise. General information on species and operation type are included.

**Is individual animal identification required?** Yes, for specific species. For more information go to BOAH's website at: [www.in.gov/boah/2328.htm](http://www.in.gov/boah/2328.htm).

**What about my 4-H tag, nose printing, etc.?** 4-H ear tagging and nose printing are excellent tools to identify individual 4-H animals and will continue to be required in Indiana. However, premise identification identifies a specific piece of property not a specific animal. Try to imagine the ear tag or nose print is like the animal's “name tag”, whereas the premise ID number is like the animal's “address”.

**What is a premise? And how do I know if I need more than one?** Each state is establishing a workable definition of a premise and guidelines for assigning more than one to a single animal owner. In Indiana, every animal site that has a unique 911 or postal address should have its own premise ID. Different numbers should also be issued for sites not contiguous within an operation. (Land separated by only a county road may be considered contiguous.) Facilities for animals at different stages of production (for example, calves, heifers, milking cows, etc.) may be one premise, if all are on the same piece of contiguous land. Only one number is needed when multiple species are on the same premise. The premise number is linked to a physical piece of property and will remain as such, regardless of ownership of the animals present.

**Does every 4-Her need his/her own premise identification number?** Each 4-Her will not need their own number. The numbers are assigned to a specific piece of property where animals are located. If multiple 4-Hers keep animals on one premise, then the premise number will be the same for each of the 4-Hers with animals residing at that location.

**Who should register the premise?** The individual who owns the property should register the premise; however, the person who owns or is responsible for the livestock should be listed as the primary contact for the premise. If multiple livestock owners house animals at one premise, the primary caretaker should be listed as the primary contact.

**Where do I get a premise ID?** You may complete the premises registration form online at: [www.in.gov/boah/2700.htm](http://www.in.gov/boah/2700.htm) or download the form at: [www.in.gov/boah/2328.htm](http://www.in.gov/boah/2328.htm). Mail a completed form to the BOAH office at 1202 E 38th Street; Discovery Hall, Suite 100; Indianapolis, IN 46205. Registration can also be completed by calling 317/544- 2381.

**Where can I go to obtain more information about this plan?** Visit the BOAH Web site at [www.in.gov/boah/2328.htm](http://www.in.gov/boah/2328.htm) or call 317/544-2381.

## **4-H LIVESTOCK PROJECT GUIDELINES**

### **BEEF**

Project Superintendent: Michael Kuhn (574)721-0231      Assistant Superintendent: Richard Hughes (765)469-1384

#### **YQCA COMPLETION IS MANDATORY!**

Manual(s): <i>Beef Resource Handbook</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 625-W Must be completed yearly.
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1. Complete Indiana Livestock Record Sheet, get it initialed by the superintendent, insert in green record folder & turn in by the end of the fair.
2. All **steers** (beef and dairy) must be tagged, weighed and identified by the Extension Office, Fair Board, and Beef Committee representatives on a date and site to be determined. Animal identification for beef and dairy **market steers** must be completed in 4HOnline by May 15 with complete 15-digit 840-RFID tag number. For county only, animals where RFID tag is not required, put 'County Only'.
3. All other Beef & Dairy animals (includes heifers and feeder steers) must be identified in 4HOnline by May 15 with complete 15-digit 840-RFID tag number by May 15. For county only, animals where RFID tag is not required, put 'County Only'.
4. All State Fair Bound beef and dairy beef market steers must have their DNA hair samples to the Extension office by April 1. All State Fair Bound beef heifers and dairy feeder steers must have their DNA hair samples to the Extension office by May 15.
5. All animals are to be entered in only one 4-H member's name. No farm names allowed on registration papers; however, a family name is allowed: i.e. John Doe & Family or Daughters or Sons.
6. All beef animals must be dehorned, regardless of breed characteristics.
7. All cattle must be tied with rope halters and neck ropes. NO nose leads are to be used in the shows.
8. All cattle to be weighed on Monday of the fair, breeds determined, as well as weights for classes, to be used for showing at the county show also to be determined by the Beef Superintendent.
9. No cattle will be re-weighed before the auction. The steer's weight at check-in on Monday will be its sale weight.
10. Grooming stalls must be located outside the Beef Barn. If it rains, stalls may be moved just under the roof. No grooming chutes are allowed in center of the Beef Barn at any time.
11. Bedding: See your Beef Superintendent on what products are recommended for bedding.
12. Classes available for registered Heifers:
  - Junior Heifer Calf- January 1 to April 30, 2021
  - Senior Heifer Calf- September 1 to December 31, 2020
  - Summer Yearling Heifer- May 1 to August 31, 2020
  - Junior Yearling Heifer- January 1 to April 30, 2020
  - Senior Yearling Heifer- September 1 to December 31, 2019
13. All steers and non-registered heifers to be shown by weight. Classes to be made up by Beef Committee after all calves are weighed on Monday.
14. 4-H members enrolled in both the Beef project and the Feeder project, must choose to be in either the Feeder showmanship class **or** the Beef showmanship class.

### **DAIRY BEEF STEER CLASS**

1. A dairy steer must be from a grade or purebred cow and sired by a dairy breed bull. (All other Beef rules apply to the Dairy Steer).
2. The classes for dairy beef steers will follow the guidelines of the feeders. Class, champion and reserve, grand champion and reserve grand champion.
3. The dairy beef steers will compete separately for a Grand Champion Dairy Beef Steer. They will no longer be in the Grand Champion Drive with the beef steers.

### **BEEF FEEDER CLASS:**

1. All calves are to be born between January 1 and April 1, current year. Calves may be either a Steer or a Heifer.
2. There will be a Champion but no Grand or Reserve Grand Champion.
3. The calves must be enrolled in 4HOnline by May 15. You may enroll more than two (2) but will only show two (2) at the county fair. All Beef Feeders will be ear tagged with county tag prior to the fair.
4. The calves must be clamped or castrated. They must be dehorned, weaned, and broke to lead before Beef Identification Day.
5. Calves will check-in with other beef animals and remain at the fair all week.
6. Classes will be determined by check-in weight.
7. Any feeder steer over the declared weight limit of 550 pounds will be moved into the Light Weight Dairy Steer Classes.
  - Once animals are weighed and classes are determined, the classes will then be divided into one of 3 weight categories:
    - i. Light Weight
    - ii. Medium Weight
    - iii. Heavy Weight
8. Beef Feeder & Dairy Feeder calves will be combined for Showmanship.

### **DAIRY FEEDER CLASS:**

1. All calves are to be born between January 1 and April 1, the current year. Calves may be either a steer or a heifer.
2. First and second place animals will compete for champion and reserve champion of their weight category. The champion and reserve champion of each weight category will go into a Grand and Reserve Grand Champion Dairy Feeder Champion Drive.
3. The calves must be enrolled in 4HOnline by May 15. You may enroll more than three but will only show three at the county fair. All dairy feeders will be ear tagged with county tag prior to the fair.
4. The calves must be clamped or castrated. They must be dehorned, weaned, and broke to lead before Beef Identification Day.
5. Calves will check-in with other beef animals and remain at the fair all week.
6. Classes will be determined by check-in weight.
7. Any feeder steer over the declared weight limit of 550 pounds will be moved into the Light Weight Dairy Steer Classes.
  - Once animals are weighed and classes are determined, the classes will then be divided into one of 3 weight categories:
    - i. Light Weight
    - ii. Medium Weight
    - iii. Heavy Weight
8. Beef Feeder & Dairy Feeder calves will be combined for Showmanship.

### **COW/CALF CLASS:** (forms available at Extension Office)

1. A dam (cow) must have been owned and shown at a previous Miami County Fair by the 4-H member. The calf must be bred, born and raised by a Miami County 4-H member. A first-year project member may show a cow which has not been shown before at the Miami County Fair.
2. Animals will show by breed; a Champion and Grand Champion will be selected.
3. Limit of two Cow/Calf entries per 4-H member. Forms available at the Extension Office.
4. Cow/Calf entries will be brought in the day of the Miami County Beef Show and taken home the same day. All Cow/Calf pairs will be stalled according to tie space available on day of show.

### COUNTY BORN & RAISED CLASS:

1. A steer, commercial heifer, or purebred heifer born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
2. The Superintendent will split Steer and commercial Heifer classes by weight if needed, (i.e. light, medium, and heavy). Purebred heifers will show in one class.
3. The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

### RATE OF GAIN CLASS:

1. All animals are weighed at the time of county ID and weigh in and are then weighed in at the fair to determine the winner.
2. All beef competing for the Rate of Gain Class will be divided into market class or feeder class.
3. Winners will be announced at the Beef Show.

### ½ BEEF ½ DAIRY FEEDER: (EXHIBIT ONLY)

Mom – dairy cow

Dad – Beef bull

### CAT

Project Superintendent:

Manual(s): Cat Level 1 – <i>Purr-fect Pals</i> Cat Level 2 – <i>Climbing Up!</i> Cat Level 3 – <i>Leaping Forward</i>	Record Sheet(s): County Record Sheet Must be completed yearly. <b>MUST HAVE CAT VACCINATION FORM.</b>
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1. Complete your manual activities and record sheet. Bring the record sheet and medical forms to judging. After judging, insert in green record folder & turn in by the end of the fair.
2. Each member may show only his/her cat or the family cat. Each member will be permitted to show a cat/kitten in each division.
3. The cat may be purebred or a household pet.
4. To be eligible, the cat must be in the 4-H member's possession by May 1. All cats are required to have distemper, rabies, leukemia testing and vaccine before they will be allowed to enter the Cat Show. **Note: Vaccinations must be given at least two weeks prior to show date.**
5. Each member must have control of cat with the use of restraints such as harness or leashes. The cat must come to the show in a carrier of some type. The cat may be removed from the carrier only when shown.
6. Complete two activities in the Levels 1 and 2 manuals, and one activity in Level 3 manual.
7. 4-H member may enter an educational poster. One per grade category (3-5, 6-8, 9-12) may be sent to the State Fair. Poster requirements are the same as all other projects (shown on page 23).
8. Member need not show cat at the county show if the cat is in season. If this is the case, member must then turn in the completed record sheet and health papers at the time of judging. Refer to the Cat manual for more detailed information.
9. The exhibitor's cat will be judged on: Health, Cleanliness/Grooming and Personality.
10. All 4-H members who plan to exhibit their Cat(s) at the Indiana State Fair need to contact the Extension Office for complete State Fair Guidelines. The deadline to enter the State Fair is July 1 of the current year. After July 1, it is an additional \$50.00 to enter.

**EXHIBIT:** The 4-H member enrolled in the Cat project must show the cat at the county 4-H show or enter a cat poster. The cat must be accompanied by proper health papers and 4-H Cat Project Record Sheet. The same cat may be exhibited in the Long Hair or Short Hair class and the Costume Class.

- **CAT POSTER-** 4-H member may enter a poster (22" x 28"): follow poster guidelines. One (1) per grade category (**3-5, 6-8, 9-12**) may be sent to State Fair. *State Fair project*
- **KITTEN CLASS:** 4-7 months and 8-11 months. Kitten class will show Short and Long Hair together. All 4-H members will show together.
- **LONG HAIR/SHORT HAIR CLASS:** (Judge's discretion will determine hair length). Classes by current grade: **Beginner: 3-5 Intermediate: 6-8 Advanced: 9-12**
- **CAT COSTUME CLASS:** All grades together
- **CAT CARRIER DECORATION CLASS:** All grades together

## DAIRY

Project Superintendent: Bryant & Kara See 574-727-4961

### **YQCA COMPLETION IS MANDATORY!**

Manual(s): *Dairy Resource Handbook* is distributed the 1<sup>st</sup> year in the project.

Record Sheet(s): 4-H 625-W  
Must be completed yearly.

1. Complete Indiana Livestock Record Sheet (4-H 625-W), get it initialed by the superintendent, insert in green record folder & turn in by the last day of the fair.
2. All Dairy animals must be enrolled in 4HOnline with complete 15-digit 840-RFID tag number by May 15. For county only, animals where RFID tag is not required, put County Only.
3. All 4-H Dairy exhibitors are encouraged to wear a white shirt and pants or skirt while showing. Advertisement insignia on 4-H exhibitors while showing animals is prohibited.
4. No more than three animals may be entered in each class.
5. 4-H Dairy exhibitors may enter animals of more than one breed.
6. Each 4-H Dairy exhibitor is entitled to one entry only in any one class on day of show. Limit eight (8) dairy animals per 4-H Dairy exhibitor to be shown at the county fair.
7. A certificate of registration or transfer must be presented to the Dairy Superintendent showing that the exhibitor owned the animal exhibited (except Senior, Fall Senior, Junior Calves) either entirely, in partnership, or in lease agreement.
8. In case of sickness, the owner may have the calf shown by another 4-H club member, but must have prior approval from the superintendent in charge of the project.
9. All calves and cows must be grade or purebred, and sired by dairy breed bulls.
10. Cows in milk may be brought in the day of the show and taken home the same day after the show.
11. All dairy females older than fall yearling heifers must have freshened at least once.
12. Grade and Registered animals will be shown in the same classes. Any one animal may NOT be enrolled by more than one 4-H member, EXCEPT for brothers and sisters and then only on separate forms. If an animal is owned in partnership, the animal in question may only be entered under one 4-H member's name.
13. Dairy Steers and Dairy Feeder Steers are considered a Beef project and 4-H members are to follow the Beef rules on page 73-74.
  - **DAIRY CLASSES:**
    - Spring Heifer Calf--born March 1, 2023 or later
    - Winter Heifer Calf--born December 1, 2022 to February 28, 2023
    - Fall Heifer Calf--born September 1, 2022 to November 30, 2022
    - Summer Yearling Heifer--born June 1, 2022 to August 31, 2022
    - Spring Yearling Heifer--born March 1, 2022 to May 31, 2022
    - Winter Yearling Heifer--born December 1, 2021 to February 29, 2022
    - Fall Yearling Heifer--born September 1, 2021 to November 30, 2021
  - **COW CLASSES: MUST HAVE FRESHENED TO BE IN COW CLASS\***
    - Junior 2-year-old cow--born March 1, 2021 to August 31, 2021
    - Senior 2-year-old cow--born September 1, 2020 to February 28, 2021
    - Junior 3-year-old--born March 1, 2020 to August 31, 2020
    - Senior 3-year-old--born September 1, 2019 to February 28, 2020
    - 4-year-old--September 1, 2018 to August 31, 2019
    - 5-year-old--September 1, 2017 to August 31, 2018
    - Aged class--Cow born prior to August 31, 2017
    - Dry Cow--2 years old or older but not in production (all breeds)
  - **\*Record books must include records of production covering at least one lactation, or must start no later than January 1, 2022.**
  - **PRODUCE OF DAM**—An entry will consist of two offspring of the same dam.
  - **BEST HERD**--An entry will consist of three heifers or cows all over a year old and out of the same herd. They do not have to be related.
  - **DAM & DAUGHTER CLASS**- An entry will consist of one Dam and one of the Dam's female off-spring. Animals showing in two years & younger classes must be owned by May 1.

## COUNTY BORN & RAISED CLASS:

1. A dairy cow born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
2. The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

## DAIRY AWARDS

1. Ribbons are awarded as stated in the Livestock General Rules.
2. Champions will be selected from each of the dairy breed represented at the Miami County 4-H Fair.
3. Ribbons and trophies will be awarded to the winner of the Beginner, Junior & Senior Showmanship contest.
4. A Junior Champion will be chosen from each breed.
5. A Senior Champion will be chosen from each breed.
6. A Grand Champion will be chosen from each breed.
7. An overall Supreme Champion Dairy animal will be selected.

## DOG

Project Superintendent: Bonnie Smith (765)438-4387

Manual(s): Dog 1 – <i>Wiggles and Wags</i> Dog 2 – <i>Canine Connection</i> Dog 3 – <i>Leading the Pack</i>	Record Sheet(s): County Record Sheet Must be completed yearly. <b>MUST HAVE VACCINATION FORM</b>
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## Indiana 4-H Aggressive Dog Policy:

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

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

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

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

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

1. Must show the superintendent a 2022 Dog Vaccination Form signed and dated by a veterinarian no later than June 1, 2022. **Note: Vaccinations must be given at least two weeks prior to show date.**
2. Complete two activities in Levels 1 and 2 manuals, and one activity in Level 3 manual. Complete record sheet, insert in green folder & turn in by end of the fair. Bring veterinarian papers & green folder to judging. You may only enter one dog in the show. Exhibit by division: **Grades 3-5, 6-8 & 9-12.**
3. Dog exhibitors are required to have pictures of their animal taken by the superintendent prior to June 1.
4. A dog showing signs of aggression will NOT be allowed to show in the interest of safety to others associated with the show. Dogs that bite any official (including judges) will be disqualified from all further activities and will be sent home. **Purdue has implemented the Indiana 4-H Aggressive Dog Policy (see above).**
5. 4-H members are responsible for the actions of their dogs.

**NOTE:** *Dogs and handlers must show in Showmanship and Obedience to be eligible for Grand Champion and Reserve Grand Champion awards.*

#### **CLASSES:**

- **Class 1A:** For 4-H members with no previous formal dog training experiences with a dog which has received no obedience training prior to January 1 of the current year (Not repeatable).
- **Class 1B:** For 4-H members with previous dog training experience, (including showing in 1A) or for 4-H member with no experience whose dogs have had training which disqualifies them for 1A. (Not repeatable with the same dog).
- **Class Leader Dog A:** For 4-H members with no previous formal dog training experience with a leader dog.
- **Class Leader Dog B:** For 4-H members with previous dog training experience (4-H or other) coming back with a leader dog.
- **Class 2A:** 4-H members & dogs who have completed 1A or 1B. (not repeatable with the same dog)
- **Class 2B:** 4-H members & dogs who have completed 2A. (May repeat until ready for 3A)
- **Class 3A:** 4-H members & dogs who have mastered class 2 work. (not repeatable with the same dog)
- **Class 3B:** 4-H members & dogs who have been in 3A, but are not ready for Class 4 work. (may repeat)
- **Class 4A:** 4-H members & dogs who have mastered Class 3 work. (not repeatable with the same dog)
- **Class 4B:** 4-H members & dogs who have been in 4A, but are not ready for Class 5 work. (may repeat)
- **Class 5A:** 4-H members & dogs who have mastered Class 4 work. (not repeatable with the same dog)
- **Class 5B:** 4-H members & dogs who have been in 5A, but are not ready for Class 6 work. (may repeat)
- **Class 6A:** 4-H members & dogs who have mastered Class 5 work. (not repeatable with the same dog)
- **Class 6B:** 4-H members & dogs who have been in 6A. (may repeat)
- **Veterans:** 4-H members whose dogs are at least seven (7) years old or are physically challenged. The dog must have completed at least class 2B in previous years. Dogs that are physically challenged must be accompanied by a letter from a veterinarian stating that the dog is unable to perform jumping and/or retrieving exercises. A dog may not be shown in any other obedience class once they have competed in the Veteran's class.
- **DOG POSTER-** 4-H member may enter a poster (22" x 28"): follow poster guidelines. One (1) per grade category (3-5, 6-8, 9-12) may be sent to State Fair.
- **DOG SHOWMANSHIP CLASSES-** **Junior** (gr 3-5), **Intermediate** (gr 6-8), and **Senior** (gr 9-12).

**NOTE:** All 4-H members who plan to exhibit their dog(s) at the Indiana State Fair need to contact the Extension Office for complete State Fair Guidelines. The deadline to enter the State Fair is July 1 of the current year. After July 1, it is an additional \$50.00 to enter.

## GOAT

Project Superintendent: Kelly Hauptert (765)469-8837

### YQCA COMPLETION IS MANDATORY!

Manual(s): <i>Goat Resource Handbook</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 625-W Must be completed yearly.
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1. Complete Indiana Livestock Record Sheet, get it initialed by the superintendent, insert in green folder & turn in by the end of the fair.
2. Exhibitors may enter more than 1 breed.
3. Each Exhibitor may exhibit 8 goats at the fair, entering as many classes as he or she chooses.
4. Each goat must be identified in 4HOnline by May 15 and in the member's possession by May 1. Exception: All offspring born out of doe in possession. Unborn kids must be listed as kids out of (Dam's name) in 4HOnline.
5. Goats may be of grade, recorded grade, or registered breed. If animals are of a recorded or registered breed, a registration or recordation certificate is required of animals 6 months of age or older. A registration, recordation certificate, or stamped duplicate application showing date received by the office for any animal less than 6 months of age. No copies of registration, recordation certificate or stamped duplicate application will be accepted. Any animals without proper papers will show in grade classes.
6. There must be 5 or more of a registered breed or recorded grades in Junior (dry stock) or Senior (in milk) to show as a separate breed. If not 5, then they will show in the "All other breeds" class.
7. All goats must wear a collar or choker chain. All goats will be tied if necessary.
8. All goats must have trimmed hooves and be clean clipped leaving tail in a pom-pom or brush out. **Exception:** Kids under 3 months of age, Boer goats, and Pygmy goats need not be clipped.
9. Each goat must be enrolled and permanently tattooed by May 15 of the current year.
10. Goats must be naturally hornless or dehorned. **Exception:** Angora and Boer Goats may be shown with horns.
11. **NO bucks** (male goats) will be permitted on the grounds.
12. The exhibitor must show his own goat unless he has more than 1 goat in a class. If this is the case, any 4-H Member from Miami County may show the exhibitors goat or goats.
13. All dairy does over 2 years of age must be shown as milkers.
14. Precocious milkers (never having been bred) will show in dry stock classes if under 2 years of age.
15. A milk out may be required by a Judge for a Champion class. Be prepared.
16. Goats or goat milk may sell at the Livestock Sale. A milking goat must have been shown by the 4-H member to sell milk in the auction. Goats must weigh a minimum of 30 lbs. to sell.
17. **GOAT HEALTH REQUIREMENTS:** See Livestock Health Rules.
18. **Ownership:** See General Livestock Rules.
19. All Boer goat wethers and Dairy goat wethers must be ear-tagged with an official 5-digit county tag. Wethers to be exhibited at the State Fair may face other requirements such as retinal scanning, RFID tag, etc.
20. All breeding animals must have a USDA ear tag or be tattooed according to American Dairy Goat Assoc. (ADGA), International Boer Goat Assoc. (IBBA) requirements, or National Pygmy goat Assoc. (NPGA).
21. Dairy and Boer crosses will be placed either in the Dairy or Boer classes based upon Superintendent's decision.
22. Dairy goat does in milk may leave the fairgrounds after the Goat show is complete.
23. **SHOWMANSHIP (grade as of January 1, current year):**  
**Senior:** Grades 9-12      **Junior:** Grades 6-8      **Beginning:** Grades 3-5  
There will be a Champion Showman in each class (only one placing per class).

## **DAIRY:**

- a. JUNIOR CLASSES (DRY STOCK)
  - Junior Kid born on or after April 1<sup>st</sup>, current year
  - Intermediate Kids born March 1- March 31, current year
  - Senior Kids born January 1-February 28, current year
- b. DRY YEARLING
  - One year and under 2 years
  - Junior Champion/ Junior Reserve Champion*
- c. SENIOR CLASSES (IN MILK)
  - Yearling Milker under 2 years of age, day of show
  - 2 years and under 3 years, day of show
  - 3 years and under 5 years, day of show
  - 5 years and over, day of show
  - Senior Champion/ Senior Reserve Champion*
- d. MARKET WETHER (**castrated males only, Wethers**) (must be under 1 year of age) Number of classes, not to exceed three classes, will be determined by weight and/or size upon entry at the fair.
  - Champion/ Reserve Champion Market (each class)*
  - Grand Champion/ Reserve Grand Champion Market (over all)*

***\*All first and second place animals will be required to either stay in holding pens or on ring side until a Champion is selected in the breed.***

## **PYGMY:**

- a. JUNIOR DOE CLASSES
  - Junior Doe (under 3 months)
  - Intermediate Doe (3 months to under 6 months)
  - Senior Doe (6 months to under 9 months)
  - Advanced Senior Doe Kids (9 months to under 12 months)
  - Junior Unfreshened Yearlings (12 months to under 18 months)
  - Senior Unfreshened Yearlings (18 months to under 24 months)
  - Junior Champion/ Junior Reserve Champion*
- b. SENIOR DOES CLASSES
  - Junior Freshened Does (12 months to under 18 months)
  - Senior Freshened Does (18 months to under 24 months)
  - Two-year-old Does
  - Three-year-old Does
  - Four-year-old Does
  - Five-year-old Does and over
  - Senior Champion/ Senior Reserve Champion*
- c. WETHERS
  - Under 1 year
  - Over 1 year
  - Champion/ Reserve Champion Wether*

### **MEAT TYPE (may be shown with horns)**

- a. JUNIOR DOES:
  - 0 - Under 3 months
  - 3 months - under 6 months
  - 6 months – under 9 months
  - 9 months – under 12 months
  - Junior Champion*
- b. YEARLING DOES:
  - 12 months – under 16 months
  - 16 months – under 20 months
  - 20 months – under 24 months
  - Yearling Champion*
- c. SENIOR DOES
  - 24 months – under 36 months
  - 36 months and older
  - Senior Champion*
  - Grand Champion Meat Type*
- d. MARKET WETHER (castrated males only; Wethers must be under 1 year of age)  
*Grand Champion Boer Wether- Placement will be determined by weight upon entry at fair.*
- e. MARKET DOE

### **FIBER GOATS:**

- 1. Identification: Fiber goats are required to have an ear tattoo that is specific to the goat. This may include the letter for the year it was born and then 1 or more numbers. If you do not wish to tattoo, you may use a county ear tag for identification.
- 2. Horns are allowed per breed judging characteristics.
- 3. Wethers: Classes will be divided into under a year old and over a year old. Wethers under a year old must have all milk teeth in place.

#### **FIBER DOES**

- Under 3 months
- 3 months and under 6 months
- 6 months to under 9 months
- 9 months to 12 months
- 12 months to 18 months
- 18 months to under 24 months
- 2 years
- 3 years
- 4 years
- 5 years and older

### **COUNTY BORN & RAISED CLASS:**

- 1. A goat born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
- 2. Classes will include: Dairy, Pygmy, Meat Type and Fiber Type.
- 3. The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

## GUINEA PIG

Project Superintendent: Jenny Richardson (574)382-0365

Manual(s): <i>Miami County 4-H Guinea Pig Project</i>	Record Sheet(s): County Project Record Sheet Must be completed yearly.
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1. Complete your manual work. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. A 4-H member may exhibit no more than four Guinea Pigs.
3. More than one breed may be shown.
4. You will have your Guinea Pig in your possession by May 1. Enroll your guinea pigs in Fair Entry by May 15.
5. Cages will be provided for the animals. 4-H member must bring own bedding.
6. Classes will be broken into breeds and then by weight. The breeds are: Abyssinian, American Standard (Short Hair), Peruvian, Silkie (Long Hair), Teddy
7. The weight classes for each breed are:  
**Junior** – up to 22 ounces      **Intermediate**- 22.1 ounces - 32 ounces      **Senior** – 32.1 ounces and up
8. Weigh-in will be Monday during the check-in process, 6 a.m. - Noon.
9. Guinea Pigs will be released Friday morning between 6 a.m. - 12 p.m. **NO EXCEPTIONS.**
10. A Champion will be awarded for each breed.
11. If there are fifteen covies in a weight class, then the weight class will be further broken down by sex.
12. 4-H members should be present for judging if they have no other livestock judging going on at the same time. 4-H members who are not able to be present during judging should find **another 4-H member** to represent him/her during judging. **No parents or other adults will be allowed to show for the 4-H member.** No parents or other adults will be allowed at the judge's table. Blue, red, and white ribbons are to be awarded in each weight class of each breed. The Guinea Pig receiving a first-place premium in each weight class is eligible to return for Champion of its breed. All Champion breed selections are eligible to return for Grand Champion. The reserve Grand Champion will be chosen from the remaining breed Champions and the second-place recipient of the Grand Champion class.

## HORSE & PONY

Project Superintendent: Kraig Burns (765)226-0984

Manual(s): <i>2020 Indiana 4-H Horse &amp; Pony Handbook</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 901A-W, 4-H 901B-W, 4-H 901C-W Must be completed yearly.
Must have a 2022 Horse & Pony Vaccination Form (4-H-1031-W)	

1. Identification must be done on 4HOnline by May 15 (including photos). Except for the following rules, State 4-H Horse & Pony rules apply.
2. All animals must be sound and healthy; a Horse & Pony Vaccination Form must be completed for each animal (4-H 1031-W). Make sure the body conditioning score is filled in.
3. Exhibitors will be responsible for providing own feed and water containers, and maintaining clean pens with shavings throughout the fair.
4. Any animal exhibited must be shown and owned by the 4-H member, or owned in partnership with the 4-H member's father, mother, brother, sister, grandparent, or legal guardian. **EXCEPTION: Leased animals may be shown subject to the approval of the county 4-H Horse & Pony Superintendent, Horse & Pony Leader, and the Extension Educator.**
5. **NO** Stallions are eligible to show except weanlings.
6. Age: Weanlings – Foaled until December 31, of the year born. January 1 shall be considered birthday of all animals. Yearling- After January 1, following year born. Two-year old- After the second January 1, following year born. Three- year old- After the third January 1, following year born.
7. All animals must be under the 4-H member's ownership or leased by May 1 and must be maintained continuously until the completion of the show. Records must be started by May 1. Absolutely no animal may be substituted or traded for the original animal after May 1. Horse & Pony members are required to have pictures of their animals taken by the Horse & Pony Leaders prior to completing the livestock identification in 4HOnline.

8. All animals will show according to their size as measured in Miami County by the Superintendent each current year or as necessary.
9. The 4-H member must do his/her own project work except for help from the immediate family, Miami County 4-H Leader, and other Miami County 4-H Members.
10. The county fair classes shall have two major classes divided by:
  - a. 56 inches and under
  - b. Over 56 inches First year 4-H member (no matter what age) may only show one animal. 2<sup>nd</sup> through 10<sup>th</sup> year members may show three animals.
12. For safety reasons, grades 3-7 and 1<sup>st</sup> year members must have a parent or guardian present whenever your horse is out of its stall unless parent gives written permission to 4-H Horse & Pony Leader/Superintendent and the Leader/Superintendent agrees to be with the 4-H member while they have their horse out.
13. Any time you are handling (grooming or feeding) your animal, you must wear closed-toe shoes. **No sandals or flip-flops.**
14. Record sheets should be accurate and kept up to date. It must be initiated by the Horse & Pony Superintendent or one of his/her assistants before the animals are brought into the barn. It is then inserted in the green folder & turned in by the end of the fair.
15. All 4<sup>th</sup> grade and above Horse & Pony exhibitors are eligible for State Fair.
16. Every project member is required to show in at least one (1) in-hand class.
17. Stables must be cleaned and animals released by the 4-H Horse & Pony Superintendent before removing animals. Members are to keep their horses & ponies to the South end of the Horse Barn. No riding allowed inside the barn (or other areas & times) unless so designated by either the Horse & Pony Superintendent or the Fair Board President.
18. All show attire to be per the Indiana 4-H Horse & Pony handbook.
19. Only 4-H Horse & Pony exhibitors can ride their animals at the fair, except for: (A) Their parents during a parent show, or (B) Pony rides for the public under the direction of the Superintendent, or (C) parent may ride if and only if it is in the best interest for the 4-H member due to safety. The Horse & Pony Leader and Superintendent must approve it and be present while the parent is on the horse. The 4-H member must also be present.
20. All members shall abide by the Superintendent's rules and decisions.
21. A **helmet and boots with a heel must be worn** whenever mounted.
22. The Horse & Pony barn is closed to everyone but immediate family of 4-H Horse & Pony members on show days. Gates will be up.

#### **JUD BROWER MEMORIAL AWARD**

- a. This class is for any Junior Horse & Pony member grades 3-7.
- b. Jud Brower trophy may only be won ONE time.

**HORSE & PONY SHOWMANSHIP – Junior:** Grades 3-5

**Intermediate:** Grades 6-8

**Senior:** Grades 9-12

#### **SHOWMANSHIP ELIGIBILITY:**

Exhibitors are eligible to win each showmanship class more than one (1) time. **Exception:**

- a. Any Junior Showmanship winner cannot show in the Junior Class again and must advance to Intermediate Showmanship the following year regardless of age.
- b. Jud Brower Memorial Award

## POULTRY

Project Superintendent: Blain Richardson (765)469-1066

### **YQCA COMPLETION IS MANDATORY!**

Manual(s): Poultry 1: <i>Scratching the Surface</i> Poultry 2: <i>Testing Your Wings</i> Poultry 3: <i>Flocking Together</i> <i>Miami County Turkey Project</i> <i>Miami County Ducks &amp; Geese</i>	Record Sheet(s): 4-H-246-W Must be completed yearly.
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1. **Beginning Sept 17, 2015, owners must maintain records of sales & purchases, including trades & barter. Permanently under Indiana Animal Disease Traceability (ADT) rule. Records must be kept for three years & must include names/address of buyer, seller, sale date, breed, sex & number of animals & reason for movement. Individual ID not required but if present needs to be in records. BOAH may request in a disease investigation.**
2. All poultry need to be in the possession of the 4-H member by May 1.
3. Complete two activities in Levels 1 (Grades 3-5) and Level 2 (Grades 6-8) manuals, and one activity in Level 3 (Grades 9-12) manual. Complete record sheet, insert in green folder & turn in the end of the fair.
4. Each bird exhibited must have been raised by the club member enrolled in 4-H club work.
5. 4-H members must exhibit a minimum of one (1) bird, maximum of ten (10) pens.
6. In judging these classes of birds, special attention will be given to growth, development and production qualities.
7. 4-H club members must be present at the time of judging. Valuable information may be received by club members by listening to the reasons that the judges will give in placing the class.
8. One Grand Champion and one Reserve Grand will be picked from champion winners in Pullets, Hens, Exhibition Standard and Exhibition Bantam. There will be one Grand Champion and one Reserve Grand Meat Pen.
9. The Meat class the exhibit will consist of a pair of birds (2), 6-8 weeks of age. These birds will be acquired at one time by the Superintendent & distributed to each member willing to participate in the class.
10. No person shall color, dye, stain or otherwise change the natural coloring of any fowl or rabbit. (Public Law No. 473).
11. Poultry and Waterfowl must weigh a minimum of 3 ½ lbs. to sell in the Livestock Sale. No birds will be returned to 4-H member after going through the sale. (See Livestock Sale Rules).

### **POULTRY CLASSES: (There will be a Turkey Grand Champion and a Waterfowl Grand Champion.)**

- a. **Pullets:** Two (2) female birds less than one (1) year of age day of show.
- b. **Hens:** Two (2) female birds one (1) year old or more day of show.
- c. **Breeding Pen:** One (1) hen or pullet AND one (1) cockerel or cockbird.
- d. **Meat Pen:** Two (2) birds acquired from the Superintendent. Classes will be judged as a pair on market quality & evenness of growth. A meat bird will be defined as a bird 6-8 weeks of age.
- e. **Exhibition:** There will be two (2) classes: **Standard Breed** and **Bantam**. An entry will consist of one (1) bird. This may be a pullet, hen, cockerel or cockbird.
- f. **Pigeons:** An entry will consist of one (1) cock OR one (1) hen.
- g. **Waterfowl (Ducks & Geese):** An entry will consist of one (1) male OR one (1) female.
- h. **Turkey:** An entry will consist of one (1) bird.
- i. **Egg Class:** SIX (6) eggs of the same color from your poultry, displayed in an egg carton. One entry per exhibitor. Eggs can be brown, white, or all other colors. Eggs will be disposed of by the Poultry Committee following the fair. Eggs will not be counted as one of the 10 pens allowed. One Grand Champion and one Reserve Champion Egg will be chosen.
- j. **Poultry Science:** Complete record sheet, insert in green folder & turn in by the end of the fair. This project is judged by grade divisions: 3-5, 6-8, 9-12. Develop an idea and build it into an attractive display as well as learn the technical aspect of some part of the poultry industry. Poultry science displays must occupy a space no larger than 30" deep x 48" wide x 72" high. Exhibit your display at the county fair.
- k. **Poultry Poster:** Poultry posters are eligible to go to the State Fair. They will be judged with Animal Posters on Friday, June 21. See the Animal Poster section for more information.

## COUNTY BORN & RAISED CLASS:

1. A bird born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
2. The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

## RABBIT

Project Superintendent: Jenny Richardson (574)382-0365

Assistant: Blain Richardson (765)469-1066

Manual(s): Level 1: <i>What's Hoppening?</i> Level 2: <i>Making Tracks</i> Level 3: <i>All Ears</i> <i>Indiana 4-H Rabbit Ambassador Handbook</i>	Record Sheet(s): Must be completed yearly.
Rabbit Ambassador Contest will be held the second Saturday in June.	
<b><i>YQCA Annual Training Completion MANDATORY</i></b>	

1. Complete record sheet, insert in green folder & turn in by the end of the fair.
2. All rabbits must be enrolled in 4HOnline by May 15 using the left ear tattoo number.
3. It is required that rabbit project members start with purebred rabbits.
4. Each animal must be a recognized breed of rabbit listed in the A.R.B.A. "Standards of Perfection".
5. All exhibitors must own their rabbits by May 1 of each year.
6. A 4-H member must show a minimum of one rabbit, maximum of ten pens.
7. Each exhibitor may choose to do an Action Demonstration/Rabbit Illustration Talk, and/or Rabbit Educational Poster. Poster levels are: **Level 1- Grades 3-5, Level 2- Grades 6-8, and Level 3- Grades 9-12.**
8. Rabbit Project Manual will be turned in with rabbit(s) at time of fair entry. Manual requirements are: Level 1, 2, and 3. Choose and complete one Achievement Program Choice from each of the four activity columns. Optional activities are optional and may be completed if you choose.
9. A fryer may show outside of a meat pen class.
10. All exhibitors will be responsible for getting their animals to and from the show table. No adults allowed in the show area during the show.
11. All rabbits must be permanently and legibly earmarked in the left ear. All ear numbers must be the same numbers on pedigree papers.
12. Rabbits will be penned on a first come, first serve basis.
13. Exhibitors will be responsible for providing own feed and water containers and maintaining clean pens throughout the fair.
14. Any animal showing symptoms of disease will be sent home.
15. A Rabbit Ambassador Contest will be held the second Saturday in June. Class descriptions by grade are:  
**Novice (Grades 3-4) Junior (Grades 5-6) Intermediate (Grades 7-8) Senior (Grades 9-10) Master (Grades 11-12)**
16. Trophies will be given where sponsored.
17. Rabbits selling in the Livestock Sale must weigh a minimum of 3 ½ lbs. No rabbits going through the sale will be returned to the 4-H member. (See Livestock Sale Rules).
18. Rabbit Poster: 4-H member may enter a poster (22" X 28"), follow poster guidelines. One (1) per **grade category (3-5, 6-8, 9-12)** may be selected for State Fair. Judging & display will be in the 4-H project bldg. Rabbit poster will be judged with Animal Posters on June 21. See Animal Poster section for more information.

## RABBIT CLASSES: (no Pre-Junior)

- a. **6 Class:** (All breeds nine (9) pounds or over, minimum senior ideal weight)  
**SENIOR BUCK-** 8 months and older  
**SENIOR DOE-** 8 months and older  
**6-8 BUCK-** 6 to 8 months old  
**6-8 DOE-** 6 to 8 months old  
**JUNIOR BUCK-** 3 to 6 months old  
**JUNIOR DOE-** 3 to 6 months old

- b. **4 Class:** (All breeds under nine pounds, senior ideal weight)  
**SENIOR BUCK-** 6 months and older  
**SENIOR DOE-** 6 months and older  
**JUNIOR BUCK-** 3 to 6 months  
**JUNIOR DOE-** 3 to 6 months
- c. **Meat:** A meat pen consists of three (3) rabbits of the same breed and same variety weighing 3 ½ to 5 ½ pounds, and not over ten (10) weeks of age.
- d. **Single Fryer:** A single fryer consists of one (1) rabbit, 3 ½ to 5 ½ pounds, and not over ten (10) weeks of age.
- e. **Stewer:** Consists of one rabbit weighing 8 pounds and over and 6 months of age and over, on the day of show.
- f. **Roaster:** Consists of one rabbit 5½ to 9 pounds and under 6 months of age, on the day of the show.
- g. **Fur:** Judging based on coat quality.

#### COUNTY BORN & RAISED CLASS:

- A rabbit born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
- The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

#### SHEEP

Project Superintendent: Jarrod Alspaugh (765)469-9803

Manual(s): <i>Sheep Resource Handbook</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 625-W Must be completed yearly.
See General Livestock Rules	
<b><i>YQCA Annual Training Completion MANDATORY</i></b>	

1. Complete Indiana Livestock Record Sheet, get it initialed by the superintendent, insert in green record folder & turn in by the end of the fair.
2. Animals need to be owned by May 1 and identified in 4HOnline by May 15. All State Fair bound market lambs and commercial ewe lambs must be individually identified by a county tag. Weigh-in and tag time will be held in early May. All other market lambs and commercial ewe lambs must be identified by tags, tattoos, or ear notch. Pair of ewes or pen of two (2) market lambs must belong to the same person or family members on the Fair Board's designated date. All registered ewes must have registration papers to show in breed classes; otherwise the animal will be shown in a commercial class.
3. Lambs to be eligible to compete in any pen of ewe lambs must be dropped after September 1 of the previous year.
4. No more than eight (8) sheep may be brought by each 4-H member.
5. Records for sheep flock management shall start June 1.
6. Lambs shown in market classes cannot show in breeding classes and vice versa.
7. Lamb members can show a total of eight (8) market lambs. Two (2) or more may be in the same weight class.
8. More than one (1) breed may be shown.
9. Rams will not be allowed to show.
10. All registered ewes may be exhibited either shorn or with full fleece. All commercial ewes and all wethers must be slick shorn.
11. No clipping is allowed at the wash racks.
12. There will be no icing or peppering of sheep or the animal will be disqualified. Icing is the direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of the lamb. This deceptive and fraudulent practice will result in the exhibitor and their animal(s) being immediately disqualified.
13. All Breeding animals (Ewes and Does) must have USDA ear tag. Extension Office will provide this if not already tagged.
14. Only sheep going to State Fair need to be identified with an Animal Identification tag.

## SHEEP CLASSES

Sheep classes at the fair will be set up for the following breeds: *(Classes may be set up for new breeds as needed.)*

Black Faced Commercial	Dorset	Rambouilett	White Faced Commercial
Cheviot	Hampshire	Shropshire	
Columbia	Montadale	Southdown	
Corriedale	Oxford	Suffolk	

**Breeding:** Ewes will be shown by breed

- Pair Ewe lambs
- Single Ewe lamb
- Pair yearling Ewes
- Single yearling Ewes

**Market:** Market lambs will be shown by breed

- Single Market lamb
- Pair Market lamb

### County Born & Raised

- A market lamb, purebred ewe lamb, and commercial ewe lamb born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
- The Superintendent will split classes by weight if needed, (i.e. light, medium, and heavy). Purebred ewes will show in one class.
- The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

### Dam & Daughter

- The dam must have been owned and shown at a previous Miami County Fair by the 4-H member. The daughter must be born and raised in Miami County by the 4-H member and can either be a ewe lamb or a yearling ewe.
- Declare this entry in Fair Entry by May 15.
- Maximum age of dam is five (5) years old.
- Limit of two (2) dam and daughter entries per 4-H member.
- Animals will show by breed.
- There will be a Champion for each breed and then a Grand Champion overall.

## SHEEP AWARDS

1. Ribbons are to be awarded as stated in the Livestock General Rules.
2. Champions will be selected in each of the market classes. Champions will be selected in each of the breed female classes. The Grand Champion trophy will be awarded.
3. Ribbons & trophies will be awarded to the winner of the **Beginner**, **Junior**, and **Senior** Showmanship Contest. There will be honor ribbons given to the top individuals in the Showmanship Contest.

## SWINE

Project Superintendent: George & Tyler Wislon

Manual(s): <i>Swine Resource Handbook</i> is distributed the 1 <sup>st</sup> year in the project.	Record Sheet(s): 4-H 625-W Must be completed yearly.
You must turn in a Swine Pen Assignment Form by June 1! <b>YQCA Annual Training Completion MANDATORY</b>	

1. Complete Indiana Livestock Record Sheet, get it initialed by the superintendent, insert in green folder & turn in by the end of the fair.
2. All swine need to be enrolled in 4HOnline by May 15 with complete 15-digit 840-RFID tag number by May 15. For county only, animals where RFID tag is not required, put 'County Only'.
3. All State Fair bound swine must have their DNA hair samples to the Extension office by May 15.
4. **A 4-H member may exhibit up to four (4) swine, no more than three (3) of one (1) gender.** For example: three (3) barrows, one (1) gilt or three (3) gilts, one (1) barrow.
5. **The Swine Superintendent has the final say on class sizes and placing of each individual animal for the 4-H Swine Show.**
6. Advertisement insignia on 4-H exhibitors while showing their animals is prohibited.
7. Only swine owned by the 4-H member and farrowed on or after **December 1** the previous year may be exhibited.
8. 4-H member having an entry in the Swine project must show their own animals. When this is impossible, they may be shown by another Miami County 4-H club member who is eligible to show at the county 4-H Fair. **The Superintendent must be informed in advance.**
9. All swine (barrows and gilts) will be weighed 7:00 PM - 10:00 PM on Sunday of the fair.
10. Purebred Swine should not show in mixed breed (crossbred) classes. Identify the sire of the purebred. Purebred swine without papers will show in crossbred class.
11. There will be no icing or peppering of swine or the animal will be disqualified. Icing is the direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of the swine. The deceptive and fraudulent practice will result in the exhibitor and their animal(s) being immediately disqualified.
12. **ALL SWINE** must be ear-notched. All swine must be ear-notched and identified in 4HOnline by May 15. State Fair rules will be followed for ear-notches and ownership. The rule reads: No two (2) animals of the same breed from the same 4-H family may have the same ear notches, except registered gilts". Swine committee will decide if the ear notches are correct and if the 4-H member is eligible to participate in the swine show.
13. **Showmanship: Beginner** (will consist of two (2) grade classes)\_Grades 3- 4 & Grades 5-6, **Junior** Grades 7-9, and **Senior** Grades 10-12.

### BARROW CLASSES:

- a. Barrows shown at the Miami County 4-H Fair must have come from registered parents of the same breed unless the barrows are going to be shown in the Crossbred Barrow classes. For those shown in the breed classes, satisfactory evidence (county certificate) must be furnished regarding the breeding and ownership of the parents of the barrow.
- b. Barrow classes will be divided into weight classes. Fifteen (15) barrows may be identified, but a club member may only show a maximum of 3.
- c. The Barrow shall be judged as a market barrow the day of the show.
- d. No late cut males allowed. Decision will be made by the Superintendent, Barn Superintendent, and Overall Livestock Superintendent.

### **GILT CLASSES:**

- a. Gilts shall be recorded in the exhibitor's name and a certificate of registration will be presented before the show to the Superintendent. Exception: a partnership agreement approved by the county Extension Office is submitted with partnership registration.
- b. 4-H members may show gilts in breed class only. The gilts shall be judged as breeding gilts of their respective breeds.
- c. Ten (10) gilts may be identified. A maximum of 3 gilts may be shown, but not in the same class except for crossbred.
- d. Registration papers for breeding gilts will be required to be shown and those will be checked to see if ear-notches match.
- e. There will be separated classes for December, January, and February gilts in each of the purebred classes, provided there are three (3) or more entries per class.
- f. Crossbred gilts will show by weight rather than by age.

### **SWINE CLASSES: \*DECEMBER HOGS ARE NOT ELIGIBLE FOR STATE FAIR**

The classes at the fair will be set up for the following breeds:

Berkshire	Chester White	Duroc	Hampshire	Hereford
Landrace	Poland China	Spot	Tamworth	Yorkshire

**\*December Gilt:** Farrowed December 1 to December 31, 2021

**January Gilt:** Farrowed January 1 – January 31, 2022

**February Gilt:** Farrowed February 1 to February 28, 2022

**Crossbred Gilts:** According to weight, farrowed after December 1, 2021

**Lightweight Market Class:** Farrowed after December 1, 2021

**Heavyweight Market Class:** Farrowed after December 1, 2021

### **COUNTY BORN & RAISED CLASS:**

- A gilt or a barrow born in Miami County and raised by a Miami County 4-H member is eligible to be enrolled in this class. Enroll on a County Born & Raised form, due May 15.
- The top placing County Born and Raised from each class will be eligible to return for the Champion selection.

### **SWINE AWARDS:**

1. Ribbons are to be awarded as stated in the Livestock General Rules.
2. Champions will be selected from each of the female Swine breeds. A Grand Champion and Reserve Gilt will be selected at the show.
3. The champions of market classes will then be brought back for Grand Champion Barrow. A Grand Champion and Reserve Barrow will be selected at the show.
4. Ribbons and trophies will be awarded to the winner of the Beginner, Junior, and Senior Showmanship contest.
5. Specific Indiana Swine Breeders may honor Grand Champion Barrows and Grand Champion Gilts.

## OPEN CLASS PROJECT LISTING

Enjoy helping your kids with their 4-H projects? We invite you to participate in the Adult Open Class sponsored by the IEHA Extension Homemakers of Miami County. Listed below are the categories you can enter. ***You do not have to be a member of Extension Homemaker clubs to exhibit.*** Contest is open to all residents of Miami County. **NO REGISTRATION NECESSARY!** Come into the Extension Office to pick up an Open Class Handbook.

### GENERAL CRAFTS

Basket Weaving  
Nature Crafts  
Ceramics  
Christmas at the Fair  
Gourd Art  
Stained Glass  
Scrapbook  
Card Making  
Button Art  
Jewelry  
Recycling  
Club Crafts  
Lawn & Garden Art  
Bead Work  
Other

### NEEDLE ARTS

Felting  
Needle Felting  
Traditional Rug Hooking  
Counted Cross Stitch  
Embroidery  
    A. Machine  
    B. Hand  
Needle Point  
Crocheting  
Hand Knitting  
Machine Knitting  
Christmas at the Fair  
Other

### FINE ARTS

Oil/Acrylic Painting  
Watercolor Painting  
Stenciling  
Charcoal  
Other

### QUILTING

A. Machine  
    Bed size  
    Crib/Lap size  
    Wall Hanging  
    Table Mat/Runner  
    Doll/Miniature size  
    Other

B. Hand  
    Bed size  
    Crib/Lap size  
    Wall Hanging  
    Table Mat/Runner  
    Doll/Miniature  
    Other

### WOODWORKING

A. Turned  
B. Household Items  
C. Carved  
D. Other

### CLOTHING

#### *Clothing Construction*

A. Suits  
B. Dresses  
C. Separates  
D. Sewing for Others  
E. Other

#### *Non-Wearable*

A. Purses  
B. Pillows  
C. Wall Hangings  
D. Other

#### *Wearable Art*

A. Decorated Sweatshirts  
B. Shoes  
C. Other

### BAKE WITH A MIX

Breads    Cakes  
Brownies    Cookies

### CROPS

Alfalfa    Corn  
Soybeans    Wheat

### GARDEN & HERBS

### FASHION REVUE

Family Outfits  
Dresses  
Separates  
Coats/Suits  
Sewing for Others  
My Choice  
Wedding  
Other, Embellished Embroidery

### FLOWER SHOW

### FOODS & MICROWAVE

Breads  
Cakes  
Candy  
Cookies  
Miscellaneous  
Pastries  
Food Preservation

### GENEALOGY

### HERITAGE

### PHOTOGRAPHY

Salon  
Black & White prints  
Color Prints  
Creative or Experimental  
Other

**THANK YOU, 2023 4-H HANDBOOK SPONSOR!**

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