

2024



GIBSON COUNTY 4-H HANDBOOK

Purdue Cooperative Extension Service, Gibson County

203 S. Prince St., Suite B Princeton, IN 47670

(812) 385-3491 Fax: (812) 385-3493

www.extension.purdue.edu/gibson

Dear 4-H Members, Leaders, and Parents:

Welcome to 4-H in Gibson County! By joining Indiana 4-H, you are a member of the largest informal educational program in the U.S. The 4-H program is part of the Purdue Cooperative Extension Service.

Please refer to your handbook as you select projects and prepare projects for the fair. This handbook contains exhibit guidelines along with explanations of many aspects of 4-H. Please don't hesitate to contact our office if you have questions.

Purdue Cooperative Extension Service

203 S. Prince St., Suite B, Princeton IN 47670

Phone: (812) 385-3491; Fax: (812) 385-3493

Office Hours: Monday – Friday 8:00 a.m. to 4:00 p.m.

Website: www.extension.purdue.edu/gibson

Twitter: @GibsonCo4H

Facebook: Gibson County 4-H

Instagram: gibsoncounty4h

Purdue Cooperative Extension Staff

Abby Heidenreich, Extension Educator, CED/ANR

Angie Crabtree, Extension Educator/HHS

Melissa Heichelbech, Office Manager

Jane Lowry, 4-H Assistant

Madelyn Spindler, Extension Part Time

**2024 4-H Inc. Board
Elected Members (11)**

Greg Ault

Holly Dunkel

Laura Heidenreich

Rachel Johnson

Gordon Lowry

Charlene McConnell

Megan Paul

Bryanne Parker

Andrew Schmitt

Andrea Schwiersch

Bernie Spindler

Appointed Members (3)

Sheryl Strickland

John Spindler

Leafy White

**Ex-Officio Member/ Fair
Board Representative:**

Kiersten Rexing

4-H Jr Leader**Representatives:**

Jared Dunkel

Bristol Powers

Presley Heichelbech

Audrey Spindler

2024 4-H Fair Schedule**Thursday, June 27, 2024**

5:00 pm 4-H Exhibit Building set-up

6:30 pm Pavilion set-up

Tuesday, July 2, 2024

4:00 pm – 6:30 pm: Conference Judging, PCMS cafeteria

4:00 pm – 7:00 pm: 4-H Projects entered at 4-H Exhibit Building

7:00 pm 4-H Project Judging at 4-H Exhibit Building

Saturday, July 6, 2024

No animals can be penned/stalled until the superintendent inspects the animal.

8:00 - 10:00 am: Poultry Check-in & Blood Tested (if needed)

Check the newsletter for updates- this is subject to change

Sunday, July 7, 2024

No animals can be penned/stalled until the superintendent inspects the animal.

6:00 am – 8:00 am Swine check-in/weigh-in

6:00 am - 9:00 am Sheep check-in /9:00 am weigh in

6:30 am – 9:00 am Beef check-in and weigh in

8:00 am– 11:00 am Rabbit check-in

10:00 am – 2:00 pm Dairy check-in

12:00 pm 4-H Poultry Show
12:00 pm Goat's weigh-in
12:00 pm Other livestock need to be stalled
3:00 pm Rabbit showmanship
4:00 pm 4-H Rabbit Show
4:00 pm – 8:00 pm Horse & Pony check-in
2:00 pm -10:00 pm 4-H Exhibit Building Open

Monday, July 8, 2024

No animals can be penned or stalled until the superintendent inspects the animal.

6:00 am - 8:00 am Horse & Pony check-in
8:00 am – 10:00 am Dairy check-in
9:00 am Beef, Sheep, Swine Showmanship
2:00 pm - 10:00 pm 4-H Exhibit Building Open
12:30 pm: Barnyard Olympics
4:00 pm: 4-H Meat Goat Show
6:00 pm: 4-H Sheep Show

Tuesday, July 9, 2024

9:00 am: 4-H Dairy and Pygmy Goat Show
12:00 pm – 1:00 pm: Mini 4-H Barn Tours
11:30 am – 4:00 pm: Horse & Pony Speed Classes
2:00 pm - 10:00 pm: 4-H Exhibit Building Open
6:00 pm: 4-H Swine Show

Wednesday, July 10, 2024

9:00 am: 4-H/Open Class Dairy Show, Pavilion
9:30 am: 4-H Horse Show at the Horse Arena
2:00 pm – 10:00 pm: 4-H Exhibit Building Open
6:00 pm: 4-H Beef Show
8:00 pm: **Poultry Not in Auction MUST BE OUT of PAVILION BY 8 PM!!**

Thursday, July 11, 2024

9:00 am: F.F.A. Judging Contest
11:00 am: Supreme Showmanship Contest
1:00 pm: 4-H Horse and Pony Fun Classes
2:00 pm – 10:00 pm: 4-H Exhibit Building Open
2:00 pm – 4:00 pm: Rabbits Released
6:00 pm: 4-H Awards, Pavilion
6:45 pm: 4-H Livestock Premium Auction
7:00 pm: Horses released
All Livestock Released at conclusion of Auction
10:00 pm *ALL ANIMALS MUST BE OUT OF THE PAVILION
PAVILION CLEANUP AFTER 10:00 p.m.

Friday, July 12, 2024

10:00 am - 5:00 pm Release Exhibit Building Exhibits
6:30 pm: Robotics Demonstration, Toyota Building

Saturday, July 13, 2024

9:00 am – 11:00 am: 4-H Exhibits Released & Clean-up
11:00 am: 4-H Building Closed

4-H Superintendents

Project	Superintendent(s)	Phone
10 Year Exhibit	Peggy Zenthoefer Stephanie Brown	(812) 457-4093 (812) 779-6379
Animal /Livestock Posters	Tara Foncannon	(812) 773-9989
Antique Tractor Restoration	John Feutz	(812) 779-6874
Arts & Crafts	Deanna Wilson Asst: Debbie Stevens Asst: April Graper Asst: Megan Paul Michaela Nurrenbern	(812) 457-7088 (812) 386-7789 (812) 779-7681 (812) 753-3666 (812) 664-5705
Fine Arts	Andrea Schwiersch Asst: Amie Hulfachor	(812) 483-0318 (812) 480-2977
Models/ Aerospace	Jonathon Sprinkle	(812) 457-2480
Beef	Gordon Lowry Andy Lowry Kristen Lowry Alisha Sexton	(812) 470-1320 (812) 459-5962 (812) 779-7634 (812) 459-6780
Beekeeping	Call Extension Office	(812) 385-3491
Cake Decorating	Gail Stewart	(812) 480-5796
Cat	Kim Keller	(812) 677-1549
Child Development	Gracy Jones	(812) 677-6583
Computer	Call Extension Office	(812) 385-3491
Consumer Clothing	Stephanie Brown	(812) 779-6379
Crops	Chris Heidenreich	(812) 385-5079
Dairy Cattle	Greg Reising Dennis Gress	(812) 799-7192 (812) 639-1733
Dog	Pam Hancock Lori Wassmer	(812) 306-7629 (812) 499-0396
Electricity	Ben Heidenreich	(812) 677-0408
Entomology	Lauren Unfried	(812) 568-0853
Mini 4-H & T-Shirts	Hannah Kissel Courtney REXING Janet Ault	(812) 677-1675 (812) 304-0365 (812) 385-6214
Floriculture	Peggy Zenthoefer	(812) 457-4093
Foods	Charlene McConnell Bryanne Parker	(812) 779-3366 (812) 664-1004
Forestry	Kathy & Ron Hudson	(812) 664-0063
Garden/ Single Herbs	Rachel Johnson Katie Ellis	(812) 385-6340 (812) 779-6137
Genealogy	Bruce Steiner	(812) 215-0699
Geology	Kathy & Ron Hudson	(812) 664-0063
Gift Wrapping	Winnie" McConnell	(812) 385-6800
Meat Goats Dairy & Pygmy Goats	Katie Dunkel Amy Koester Kristine Georges Amy Parmer	(812) 677-2528 (812) 664-6019 (812) 922-5562 (765) 404-0901

Health	Gracy Jones	(812) 677-6583
Home Environment (Furnishings)	Stephanie Brown	(812) 779-6379
Horse & Pony	Bryanne Parker	(812) 664-1004
Leadership	Call Purdue Extension	(812) 385-3491
Photography	Holly Dunkel Katie Dunkel	(812) 385-6220 (812) 677-2528
Poultry	Michael Nurrenbern Greg Ault Michaela Nurrenbern	(812) 677-0550 (812) 385-6224 (812) 664-5705
Public Speaking	Call Extension Office	(812) 385-3491
Rabbits	Mike Hill Mike & Ginger Mason	(812) 779-7421 (812) 664-7794
Scrapbooking	Laura Heidenreich	(812) 677-0091
Self-Determined	Barb Riggs	(812) 632-0132
Sewing / Fashion Revue	Janet Allen Lexi Hunt	(812) 779-6547 (812) 664-0714
Sheep	Rachel Thompson Becky lunghuhn Raelynn Heffelfinger Kiersten Rexing	(812) 480-8546 (812) 779-9489 (812) 779-6059 (812) 753-3175
Shooting Sports	Bill Knowles Greg Ault	(812) 724-4001 (812) 385-2198
Soil & Water Science / Sports Poster	Kathy & Ron Hudson	(812) 664-0063
Supreme Showmanship	Dr. John Feutz Asst. Lisa Englert	(812) 779-6874 (812) 779-6641
Swine	Dr. John Feutz Becky Rexing Zach Rogers Lisa Englert Jacinda Huguen	(812) 779-6874 / (812) 385-2733 (812) 664-1801 (812) 215-0121 (812) 632-8851 (812) 779-6154
Tractor	Rick Schmitt Lee Binhack Andrew Schmitt Justin Paul Dennis Gress	(812) 664-4547 (812) 457-1049 (812) 664-4546 (812) 664-2109 (812) 639-1733
Veterinary Science	Tara Foncannon	(812) 773-9989
Weather & Climate Science	Kathy & Ron Hudson	(812) 664-0063
Wildlife	Kathy & Ron Hudson	(812) 664-0063
Wood Science	Kevin Paul	(812) 753-3666

2023-24 Gibson Co. 4-H Sponsors

Grand Champion Donors

Baird Co.
County Seat Veterinary
Dewig Meats, Haubstadt
Gibson Co. Farm Bureau Inc.
Gibson Co. Government
Kiesel Ent., Inc.
Mobley & Grant Auctioneers
Millennium Steel, Princeton
Mt. Olympus 4-H Club
North Gibson School Corp.
Ohio Valley Insurance LLC
Posey Co. Coop
Princeton Veterinary
Springs Valley Bank & Trust Co.
Superior Ag Resources Coop
Wabash Valley Service Co.

Champion Donors

ADM Grain
Boxell Trucking
Consolidated Grain & Barge Co.
Digmore Excavating
Engler Machine
First Bank, Princeton
German American Bank
Gilbert J. Rode & Sons
Parker Excavating
Pioneer-Hi Bred Int'l Inc.
Sand Ridge Farms
Toyota Boshoku of America

Reserve Champion Donors

Brett's Car Care
Deaconess Health System
Fred Douglas Family
Farm Credit Mid America
In Stitches-Brooke Schafer
Jam Genetics
Mission Mfg., R.A. Jones
Monroe City RV
Nutrien Ag Solutions
Charles Sheets

Peabody Francisco Mine
Toyota Tsusho America

Blue Ribbon

Brink's Meadowlake Angus
Eric Carter Family
Colvin Funeral Home
Country Mark- Posey Co.
Emerson Cattle
Mark Fehrenbacher
First Place Trophies & Tees
Five Star J Farms
Gibson Co. Health Dept.
Gibson Co. Master Gardner's
Glittered Pig
Goedde Oil
Lang Company
Liberty FCU
Minton Family
Mulzer Crushed Stone
Murphy Chiropractic
The Palace Cafe
Patoka Valley Sheep
Reckelhoff Family
Zack Rogers
Sheehe Family
Siemers Glass Co.
State Farm Ins.-Marcus lunghuhn
Taco Tierra, Princeton
Jay & Rachel Thompson
Tony & Debbi Wolfe

Friends & Family

Wanda Englert
Colt Hadley Farrier Service
Mike & Amie Hulfachor
Koberstein Construction
McGowan Insurance Group
Memmer's Hardware
R & T Garage
Rexing Grain
Schmitt Genetics

4-H Club Name	Location	Leaders
North Gibson		
Hazleton 4-H	Hazleton	Katie Ellis, Chastity Braswell, Kenna Kendall, Janice Longabaugh
Mt. Olympus 4-H/Mini	Hazleton	Ross & Shannon Key, Holly & Katie Dunkel, Katy Mull, Bob Jones, Hallie Kolb, Gracy Jones, Lee & Winnie McConnell,
Country Boys & Girls 4-H/ Mini	Rural Princeton	Chris, Laura, Abby & Ben Heidenreich, Charlene McConnell, Diane Hadley, Olivia Marvel
Lyles Station 4-H Club	Rural Princeton	Denise & John Jamerson
South Gibson		
Growing Clovers 4-H/ Mini	Haubstadt	Susan Pfeiffer & Michelle Brown
Port Gibson Pioneers 4-H	Ft. Branch	Deanna Wilson, Megan Paul, Michaela Nurrenbern
St. Bernard Boys and Girls	Rural Ft. Branch	Bernie & Lori Spindler, Dennis Gress
Star Riders 4-H & Mini	Ft. Branch	Janet Allen, Rachel & Josh Johnson, Hannah Hunt
Busy Workers 4-H	Owensville	Tara Foncannon & Barb Riggs
Owensville Boys & Girls 4-H	Owensville	Gordon, Andy & Kristen Lowry
East Gibson		
Francisco Champions 4-H / Mini	Francisco	Stephanie Brown & Tiffany Hamilton
Boots & Jeans 4-H	Francisco	Bruce Steiner & Gerna Butts
Barton Bunch 4-H/ Mini	Oakland City & Barton area	Andrea Schwiersch, Amie Hulfachor, Bob & Kristine Georges, Abigail Krueger
County-Wide Clubs		
4-H Junior Leaders (for 7 th grade 4-Hers & up)		Holly & Katie Dunkel, Colt Hadley, Ben Heidenreich, Jeanette & Ryan Fravel
4-H Shooting Sports Club		Bill Knowles, Greg Ault
County Livestock Club/ Mini		John Feutz, Kevin Paul, Lisa Englert
Gibson County Goat Club		Kristine & Sarah Georges, Amy Parmer
County Tractor Club/ Mini		Rick Schmitt, Andrew Schmitt, Lee Binhack, Dennis Gress, Justin Paul
Gibson Co. 4-H Horse & Pony Club/ Mini		Bryanne Parker, Colt Hadley, Nick Beloat
Gibson County 4-H Robotics Club		TJ & Stacy Ice, Janet Allen, Ed Schleter

What is 4-H?

4-H is a youth organization that belongs to the members, their families, and other interested adults who serve as volunteer leaders. Professional leadership is given by the Cooperative Extension Service faculty of Purdue University. Support for 4-H programs is a joint effort of local county government, Purdue University, and the United States Department of Agriculture.

4-H consists of young people sharing, doing, and learning together in all kinds of projects, events, and activities in informal situations with the guidance of their families and other volunteer adult leaders. Members choose projects that fit them and the places where they live. Group activities and events such as drama, trips, workshops, fair, and conferences provide additional opportunities and learning experiences.

4-H is open to all youth and adults regardless of their race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran.

Each 4-H club has meetings. During these business meetings, decisions are made relative to group sponsored activities, community service efforts, project opportunities, fund raising efforts, etc. Regardless of the structure, a 4-H group may utilize the assistance and expertise of 4-H family members, neighbors, and other volunteers. Youth and adults will have fun learning and working together at home, in the 4-H club, and in the community.

Indiana 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.

Indiana 4-H Vision

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

Purpose of 4-H

The purpose of 4-H is two-fold:

- To teach life skills through experiences for youth that are fun, action-oriented, and hands-on. The major focus of 4-H should be on the activities of the local 4-H club. The many county and state activities are secondary. Their purposes should be one of supplementing and supporting local 4-H club programs.
- To provide the opportunity for parents and other interested adults to work with youth in their development.

How Your Children Will Benefit From 4-H Membership

- Youth learn, make, or do things that are meaningful and appeal to them.
- Youth make friends, belong to a group, and give and receive acceptance and affection.
- Youth have fun, which makes learning appealing and enjoyable.
- Through 4-H activities, 4-H members grow to become contributing and caring adults because of the knowledge and life skills learned in 4-H. Youth learn how to:
 1. Develop an inquiring mind and a desire to learn.
 2. Make decisions and solve problems.
 3. Relate to and work with other people.
 4. Develop a concern for their community and the people in it.
 5. Build their self-confidence.

4-H Clubs

A 4-H Club is an organized group of at least **five youth from three different families** who meet regularly with adult volunteers or staff for a long-term, progressive series of educational experiences. A 4-H Club conducts at least 6 regular club meetings per year and often provides other activities and learning experiences. The purpose of a 4-H Club is to provide positive youth development opportunities to meet the needs of young people to experience belonging, mastery, independence, and generosity—the Essential Elements—and to foster educational opportunities tied to the Land Grant University knowledge base. With the involvement of members, leaders, and parents, 4-H clubs offer an opportunity for youth to learn leadership skills, participate in community service, meet people, have fun, and learn about additional opportunities in 4-H.

4-H Member Record Folder

All 4-H members should maintain their personal record of 4-H participation. The records and folders are available from the Purdue Extension Office. An accurate record of projects taken, offices held, participation in activities, etc. **is important when applying for awards, trips, and scholarships.**

4-H Newsletters

4-H Newsletters are emailed to 4-H members and volunteers every other month. It is important to read the newsletters because they contain valuable information regarding 4-H events, awards, and news.

4-H on the Web

Local 4-H information can be found on the web at <http://www.extension.purdue.edu/gibson>. Newsletters, a calendar of events, the 4-H Handbook, and other important information is posted. Announcements and photos are posted on Facebook at the Gibson County 4-H page and Twitter page (@GibsonCo4H).

4-H Traditions

Emblem

The national 4-H emblem is a four-leaf clover with the letter “H” on each leaf.



The Four H's

The four “H's stand for *Head, Heart, Hands, and Health*. These four “H's represent the four-fold training and development in which members participate. This meaning of the four H's is clearly given in the pledge.

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.*

The Colors

Green and white are the 4-H colors. The white background of the flag symbolizes purity; the green 4-H emblem is nature's most common color in the great outdoors and is the color of springtime, life, and youth.

Motto

The National 4-H Motto, **“To Make the Best Better,”** should be the objective of every member and leader.

Slogan

“Learn by Doing.”

Eligibility

Youth may enroll in Mini 4-H when they are in kindergarten through 2nd grade. They may become 4-H members when they enter the third grade and may continue their membership through the completion of grade 12. A member may continue membership for a maximum of ten years. Enrollment in Mini 4-H does not count toward the ten-year limit.

An individual's 4-H grade is determined by the school grade in which he or she is classified regardless of 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 school year. Each member should enroll in the division of a project 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, 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. Enrollment is an annual process attained by completing 4-H enrollment at <http://in.4honline.com>. The enrollment window for the program year is from October 1 -January 15.

Awards and Recognition

The purpose of 4-H awards is to motivate youth to participate in 4-H educational programs and to recognize them for their achievement. 4-H is an opportunity for youth to achieve, to be recognized, to build self-confidence, and to gain self-esteem. 4-H members may receive recognition for **participation, achievement of standards of excellence, and for competition.**

Fair Ribbons - 4-H members are awarded ribbons for projects exhibited at the Gibson County Fair. Each exhibit is awarded either a blue, red, white, or green ribbon based on standards of excellence for that project. You might think of ribbon placing as being similar to grades in school. **Blue is excellent (A); Red is good (B); White is average (C,) and Green indicates an incomplete project or one that does not meet the exhibit requirements.**

In most projects, a Champion and Reserve Champion ribbon is awarded from the blue ribbon exhibits of each age level. In most 4-H projects, the Champion and Reserve Champion ribbons are large rosettes. In animal projects, only the Grand Champion and Reserve Grand Champion ribbons are large rosettes.

4-H Achievement Awards - 4-H members have the opportunity to complete an Achievement Award application. All 4-H members in grades 3-5 who achieve at least 115 points on the application receive the award. For 4-H members in grades 6-12, a limited number of awards are given to the highest scores. Sport bags are given to the top two winners in each grade level in grades 6-8. 4-H jackets are awarded to one winner in each grade level in grades 9-12. Awards in grades 6-12 may only be won one time.

Scholarships - Several 4-H scholarships for post-secondary education are available each year. Scholarship awards may range from \$250 to \$2,000. Most 4-H scholarship applications are due January 25. Check with the Purdue Extension Office for details.

4-H Activities and Events

County Fair - The Gibson County Fair will be held in July. The fair provides an opportunity for 4-H members to display their projects and to receive recognition. It is also allowing the public to learn about 4-H.

The Fair Board provides a free fair pass to 4-H members age 10 and above who exhibit at least one project at the fair. (Children under the age of 10 are not charged admission).

4-H members receive scorecards or judges' comment sheets at the end of the fair. These are intended to provide 4-H members with guidance as to how they might improve their project as well as indicate things that are done well.

Several projects are conference judged. Conference judging gives the 4-H member the opportunity to speak to the judge face to face. This allows for more interaction and enhances the educational value of the judging process. Scorecards are not given in these projects as the comments are given orally to the 4-H member. For projects to be judged, 4-H members must adhere to enrollment and exhibit check-in deadlines.

Project Workshops - A variety of project workshops are offered each year. Parents, 4-H members, and leaders are encouraged to attend. The purpose of a workshop is to teach skills and give directions on the preparation of fair exhibits.

Performing Arts Contest - The county 4-H Performing Arts Contest provides 4-H members an opportunity to display their talents, to gain self-confidence in performing before an audience, and to have fun. 4-H members may perform a skit as part of a group or perform individually. Individual acts include musical presentations, dance, readings, etc.

Fashion Revue - 4-H participants in the Sewing project are given the opportunity to model their garments in front of an audience. Winners in the State Fair categories have the opportunity to model at the State Fair. Judging is based on fit, appearance, accessories, and modeling technique. ****PLEASE NOTE: The Consumer Clothing project will be judged prior to the Fashion Revue. Garments will be modeled before the judge.**

4-H Camp - Youth in grades 3-6 may attend 4-H Camp. Camp is held for three days in June at Santa Claus United Methodist Campground in Santa Claus, IN. We are joined by 4-H members from Knox and Spencer counties.

Educational Trips - A variety of fun learning opportunities are available to 4-H members in grades 7-12. Trips, conferences, and workshops such as 4-H Round-up, Jr. Leader Conference, State Fair Leadership Conference, Citizenship Washington Focus, and 4-H Academy at Purdue are all great opportunities. 4-H members may be selected for these trips by completing and submitting a trip application by the published deadline.

Judging Contests - 4-H members may compete in livestock, dairy, horse and pony, soils, entomology, crops, and/or forestry judging contests at the area and state level. We have both junior and senior judging teams in the county.

International Exchange - 4-H families have an opportunity each year to host a Japanese youth exchange participant for about 3 weeks. Every even year, high school age 4-H members may participate in the International 4-H Youth Exchange. Participants may choose from a variety of countries for a home stay of 4-6 weeks. Adult volunteers are encouraged to apply as chaperones. Host families are needed for visiting international youth and their chaperones.

State 4-H Band - Some 100 high school students from around the state are selected each year to participate in the State 4-H Band. The band performs at Purdue before a large audience of 4-H members and parents. Applications for the State 4-H Band are available online or from the Purdue Extension Office and are due to the state by Apr Applicants must also submit a county Trips Application to the Purdue Extension Office.

State 4-H Chorus - 125 youth in grades 8-12 from around the state are selected each year to participate in the State 4-H Chorus. The Chorus performs at Purdue before a large audience of 4-H members and parents and also at the State Fair. Applications for the State 4-H Chorus are

available online or from the Purdue Extension Office and are due to the state by April 1st. Applicants must also submit a county Trips Application to the Purdue Extension Office.

4-H Awards and Recognition Picnic - The county 4-H Awards and Recognition picnic is held in the fall. ALL 4-H members and parents and 4-H volunteers are invited. Achievement Award winners are recognized and a variety of other member and club awards are presented. This program offers the opportunity to learn more about 4-H awards, to meet other 4-H members, and to have fun participating in recreational activities.

Junior Leadership Program - All youth in grades 7-12 are eligible to participate in the county 4-H Junior Leader Club. Junior Leaders organize and conduct a variety of activities, participate in community service projects, conduct meetings, and participate in skill development activities. Participants have the opportunity to develop leadership skills, meet new people, and have fun. Interested youth may contact the Purdue Extension Office for Junior Leader meeting dates.

Spark Clubs – Spark Clubs are short-term, educational experiences focused on a topic not already covered by 4-H projects, such as Journalism, Theater, Astronomy, etc. These clubs will be offered throughout the year, so be on the lookout for upcoming events.

Parental Support and Involvement

Parental support is very important for the 4-H member to get the most benefit from his/her 4-H experience. Parental support is needed in the following ways:

- Get 4-H members to and from 4-H meetings/ activities on time.
- Help son/daughter select 4-H projects that are of interest and benefit to the member.
- Help son/daughter understand the requirements for the projects selected.
- Assist in accurately completing enrollment form.
- Assist son/daughter in getting needed materials for project.
- **ASSIST son/daughter in completing 4-H projects. DO NOT DO IT FOR THEM, but do provide guidance and assistance.**
- Encourage son/daughter to participate in county and state 4-H activities such as project workshops, trips, conferences, demonstrations, and other events and activities for which they may be eligible.
- Encourage 4-H members who are in their senior year of high school to apply for available college/post-secondary scholarships.
- Offer assistance to local 4-H clubs by providing transportation, serving as a project leader, or assisting the club leaders with an event or fundraiser.

4-H Volunteer Leadership Roles

- **4-H Club Leaders** - work with club officers, members, and parents to plan, coordinate, and conduct the club meetings and educational activities.
- **Project Leaders/Superintendents** - offer assistance and teach 4-H members specific project skills such as foods, woodworking, electricity, livestock management, or how to do a demonstration.
- **Spark Club Leaders** – teach youth a specialized skill during a short-term experience
- **Activity Coordinators** - There may be parents or other adults who help plan and coordinate activities such as 4-H Performing Arts group skit, judging activities, and field trips.
- **4-H Mentors** - Adults who give their time to work one on one with youth who need project assistance and guidance.
- **4-H Shooting Sports Instructor** - These volunteers receive certification in a particular discipline (rifle, archery, shotgun, muzzleloaders, or pistol) and provide instruction to participants.
- **Program Coordinators** - These are volunteers who work with and help coordinate a specific program such as the 4-H International Exchange program.
- **Committees/4-H Inc. Board** - Volunteers serve on a variety of committees to help plan programs. The 4-H Inc. Board serves as the policy-making body for the 4-H program and helps develop and manage resources to support the 4-H program.

Volunteer Screening

All volunteers who work directly with youth in the 4-H program must complete an application and list references. References and background are checked as part of a screening process. All volunteers must annually sign a copy of and agree to follow the **Adult Volunteer Behavioral Expectations**.

Volunteer Support

Resource materials, workshops and leader development opportunities are provided for volunteers. Resource leaders and the Extension staff are available to answer questions or for consultation. Volunteers participate in an annual recognition banquet. They also are covered with liability insurance through Purdue.

4-H EXHIBIT INFORMATION

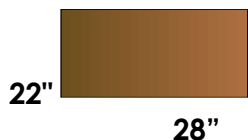
Please Read Carefully!

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

- Members are limited to one exhibit per project, except where there are exceptions.
- **Details about specific project requirements are listed by project. Read this information carefully as changes have occurred. Where required, project books must be checked by the club leader and turned in to the project Superintendent with the project.**
- All exhibits must be owned by the club member entirely or in partnership except in such projects that lease agreements are accepted.
- Exhibits must be entered in the correct classes.
- Large articles may not be displayed unless space permits.

Poster Guidelines

- All poster exhibits must be mounted on poster board, backed with FOAM BOARD and have a transparent covering to protect the exhibit. Posters must be mounted **22" x 28"** **HORIZONTALLY!** Project labels must be placed in the lower right-hand corner.
- 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 manner in which references are listed.



Action Demonstrations - NO STATE FAIR EXHIBIT

An action demonstration gives you the chance to involve the public in a hands-on learning experience. It has no fixed time limit, and can happen where people are walking by or gathered together. For example, you may want to do an action demonstration at a shopping mall, club meeting, county or state fair or at some other meeting. You will know your demonstration was successful when:

- People stop to watch what you are doing or talking about.
- They ask you questions.
- People take part in the action or discussion.
- You feel like you learned something by doing the action demo.

Penalty for Early Withdrawal of Exhibits

4-H members who withdraw an exhibit prior to release time may forfeit awards and privileges. **In the case of animal exhibits, removing an animal without permission of the 4-H Youth Development Extension Educator and the Superintendent may result in the member not being allowed to exhibit that project the following year.**

******Projects must be picked up by the designated time at the conclusion of the fair. Exhibits that are not picked up by the designated time will be discarded and forfeit all awards.**

4-H Membership Policy

4-H provides non-formal educational opportunities to all youth in Kindergarten through Grade 12. Youth are encouraged to participate regardless of race, religion, color, sex, national origin, marital status, parental status, sexual orientation or disability. The only reasons to exclude a youth from 4-H programs are 4-H misconduct by the youth or by an adult on behalf of the youth or if the youth presents a health or safety threat to himself/herself or others by participation.

Project Divisions

A 4-H member's current grade in school at the time of enrollment will determine Level/Division in a project.

Clover (1) Grade 3, 4, 5

Junior (2) Grade 6, 7, 8

Senior (3) Grade 9, 10, 11, 12

Level A Grade 3, 4

Level B Grade 5, 6

Level C Grade 7, 8, 9

Level D Grade 10,11,12

A division of a project may be repeated if it falls within your grade (**Clover, Junior, Senior**). However, the same exhibit may not be used more than once.

* A 4-H member may enroll in a division of a project designated for an older age group. This is to be done only with the approval of the 4-H Leader and parent. The member must also realize that he or she will be competing with older members when the project is judged.

* Members may not enroll in a division of a project designated for a younger age group.

State Fair Exhibits

Most 4-H projects selected for exhibit at the State Fair can be entered and transported by the Extension Office. Extremely **FRAGILE** or **VERY LARGE** items will be the responsibility of the 4-H exhibitor. State Fair project exhibitors will be notified when to bring exhibits to the Purdue Extension Office. Exhibitors are entitled to one single day state fair ticket. Tickets may be picked up at the Extension Office when bringing in state fair exhibits. **All State Fair exhibits must be wrapped or packed for safe shipping to the State Fair. The Purdue Extension Office is not responsible for any damages to exhibits.**

Project Completion Policy

The completion of a 4-H project must not be misinterpreted as exhibition of said project at a local, county, or state fair. 4-H members are considered complete in their project work for that year when they have:

1. Completed the official 4-H member online enrollment prior to the established and published date for enrolling.
2. Had an officially recognized 4-H Leader/Extension Educator verify the existence of the completed project or activity.

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.

Mini 4-H Members (Grades K-2) may exhibit no more than two projects in the Exhibit Building.

Residence

County or state residence is not required for participation in 4-H. Youth must follow the 4-H rules of the county in which they participate. Indiana youth typically enroll in 4-H in the county or state in which they reside. However, individuals living in one county may join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single calendar year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment.

In the event that a project is not offered in the county of primary 4-H enrollment, a member may enroll in that specific project in a different county. Approval of this special exception rests with the county 4-H policy-making or governing board (i.e. 4-H Inc. Board) and/or the Extension Board of the receiving county. Participation in 4-H related activities and events (i.e. judging; Performing Arts Contest) must be in the county of primary 4-H enrollment.

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

Behavior Criteria

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 terms and conditions/rules and regulations as outlined by those responsible for the specific program or activity. 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, respect the rights of others, and 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:

1. Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.
2. Alteration or unauthorized use of 4-H records.
3. Obstruction or disruption of any 4-H activity or aiding, encouraging others to engage in such conduct.
4. Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity.
5. Failure to comply with directions of 4-H officials acting in the proper performance of their duties.

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

1. Possession or use of firecrackers, 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 sex 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, drugs, or tobacco and tobacco like products, or other dangerous substances.
7. Lewd, indecent, or obscene conduct.
8. Unauthorized entry, use, or occupancy of any facility.
9. Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.

4-H Grievance Policy

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

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

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

1. Grievances are made by completing the Indiana 4-H Grievance/Appeal form with the burden of proof being the responsibility of the individual filing the grievance. The completed grievance/appeal form and supporting documentation shall be presented to the president of the 4-H policy-making body (e.g., 4-H Council) or the Purdue Extension Educator who works with the 4-H Program. (NOTE: concerns regarding staff or volunteers are not issues for which a grievance may be filed. 4-H volunteers are assigned by the 4-H Extension Educator. Concerns regarding 4-H volunteers or other individuals should be addressed directly with the Purdue 4-H Extension Educator.)

2. Grievances pertaining to 4-H activities, programs or projects shall be filed within 14 days of an incident or occurrence. Grievances pertaining to county fair related issues are often time-sensitive and must be filed within 24 hours of the incident.

3. The grievance process occurs in the county where the issue or concern arises and offers three opportunities for a concern to be heard and reviewed.

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

B. The person filing the grievance may appeal the decision of the grievance sub-committee to

the 4-H policy-making body, which will then review the facts in evidence and render a decision.

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

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

To maintain the confidentiality of the parties involved, the grievance hearings at each level will be closed to the public. Only the individuals who have filed the grievance, the members of the grievance committee, and the Purdue Extension Educators will be present during each level of the grievance process, *****The grievance process is internal to the Indiana 4-H Youth Development Program and meetings of the grievance committees are not subject to Indiana's Open-Door Policy.** The Purdue Extension Educator assigned to work with the 4-H Program has the obligation to inform all parties that there is a grievance procedure if there are disagreements with policies. The practice of charging fees from those filing grievances shall be eliminated and all counties will utilize the Indiana 4-H Grievance/Appeal Form as part of the grievance process.

Decisions of Judges at the Gibson County Fair

All decisions made by the 4-H judges are final and are not subject to grievance or appeal unless it is charged that an exhibit has been altered or the 4-H member did not prepare the exhibit.

Appeals:

Person(s) may appeal the decision of the Gibson County 4-H Inc. Board to the Extension Board at the Extension Board's next regularly scheduled meeting or at a special called meeting. The person(s) making the appeal must give written notice to the Gibson County Extension Board President within 15 days of the 4-H Inc. Board's decision. The decision of the Extension Board will be final.

4-H Program Grievances at State Fair:

In all cases of grievance affecting a 4-H member, the statement must be verified as follows:

1. A grievance must be presented to the State 4-H Youth Department Head or their designee within 24 hours of the occurrence of the infraction for all livestock activities and prior to the official closing of the State Fair for all other activities. In the event a grievance is presented after the judging has begun on the item or activity in question, the judge will proceed and the grievance will be handled as if the grievance were presented following the judging.
2. A grievance must be presented in writing by utilizing the State Fair Grievance/Appeal Form and the form must be notarized. The grievance must state the name of the exhibitor, the exhibit and lot number in question, the specific reason for ineligibility and the rules that govern the case. The burden of proof resides with the party filing the grievance.

4-H Appeals from Decisions of Judges at State Fair:

1. The right of an exhibitor to appeal the decision of a judge will exist only when it is charged that the award has been made in violation of the rules governing the exhibit, or when it is charged that the decision of the judges has been influenced or interfered with by another.
2. Appeals from the decision of a judge must be made in writing and must contain at least one specific charge, stating at length the facts relied upon or the rule violated, and naming the witnesses and their addresses by whom proof is to be made.

3. The person making the appeal must give verbal notice no later than 4:00 p.m. on the same day on which the decision was rendered, and must within twenty-four hours from the time here stated, file this appeal in writing.

4-H Program Due Process and Right of Appeal shall be as follows:

1. The State 4-H Youth Program Leader or their designee shall notify the person in writing of the violation and the penalty imposed.
2. A person may appeal a decision, in writing by utilizing the State Fair Grievance/Appeal Form, to the Director of the Purdue Cooperative Extension Service, within 15 days of receiving written notification.
3. Within 15 days of receipt of a written appeal by the Director of the Purdue Cooperative Extension Service, the State 4-H Youth Program Leader may rescind the initial determination. No further determination as to the reported violation may subsequently be made by the State 4-H Program Leader. The person filing the appeal shall have no further remedy available upon rescission of the initial determination. In short, the case would be closed.
4. If the State 4-H Youth Program Leader does not rescind the initial determination within 15 days of receiving the appeal, a hearing will be set by the Director of the Purdue Cooperative Extension Service. The person filing the appeal shall be notified of the date in writing.
5. The Director of Purdue Extension shall conduct the hearing as the sole hearing officer.
6. Within 15 days of the conclusion of the hearing, the hearing officer shall submit to the State 4-H Youth Program Leader his/her findings and recommendations with regard to the reported violation(s), penalties and the person's appeal.
7. Upon receiving the recommendations of the hearing officer, the State 4-H Youth Program Leader shall take action upon the recommendation.
8. Final actions shall be stated in writing and provided to the person filing the appeal within 15 days of the determination by the State 4-H Youth Program Leader.
9. Any appeal beyond this point deemed necessary by the appellant would need to be filed in a court of law.

Penalties

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

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

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

Safety Policy for Purdue 4-H Youth Development

1. Policy Statement

Purdue University 4-H Youth Development seeks to further its educational mission for the youth of Indiana by encouraging youth to participate in non-formal educational opportunities that are appropriate and safe for and promote the mental, physical and social developmental skills of the

individual youth. No youth will be allowed to participate in any 4-H activity where it is determined by the on-site educator or that educator's designated on-site adult volunteer that such participation could compromise the safety of that participant, other participants, observers, animals.

2. Background Statement

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

Safety Policy for Mini/Exploring 4-H Members

The safety and well-being of our 4-H youth is of the utmost importance. Although kindergarten is specified as the time when a child may begin participation in some 4-H events and activities, parents are encouraged to take into consideration their child's physical and mental development before agreeing to let the child begin to show, work with, or care for animals. Each child matures at a different rate, and children in grades K-2 may still be too young to begin showing, working with, or caring for animals. The State 4-H Youth Department at Purdue University has agreed to allow Mini/Exploring 4-H members in grades K-2, to participate in some animal projects subject to certain conditions. These conditions are specified below.

Each county may determine its non-competitive programs, classes, and participation requirements subject to the following safety guidelines:

"Mini 4-H members, in grades K through 2, will be allowed to show, work with, or care for animal projects after their parent or legal guardian has signed a liability release. Mini/Exploring 4-H members may independently show, work with, or care for animals that weigh 300 pounds or less. Mini/Exploring 4-H members may only show, work with, or care for animals over 300 pounds when they are assisted by a parent, legal guardian, or another adult designated in writing by parent or legal guardian." *(The word "assisted" means that the adult has control of the animal at all times.)*

Mini/Exploring 4-H members exhibiting horses must wear ASTM or SEI standard F1163 (or above) certified helmets whenever mounted. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness in place and fastened whenever a rider is mounted. Youth in grades K-2 must be assisted by a parent or legal guardian (horse or pony on a lead line) at all times when youth is mounted.

If the guidelines stated in this policy are not followed for a particular event or activity, then such event or activity shall not be considered to be a 4-H event or activity and shall not be under the auspices of Extension 4-H educators or covered by Purdue University.

Livestock Show Policies

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

- All 4-H exhibitors are expected to show their own animals. In the case of illness or an emergency, the department Superintendent may allow another 4-H member to show the animal for the exhibitor.
- 4-H exhibitors may receive clipping and grooming assistance from members of their family who are no more than 2 generations removed from the exhibitor or from a current, Indiana 4-H member.

Temporary guardianships are not permitted and shall result in immediate disqualification. 4-H members exhibiting at the Gibson County 4-H show may also help one another or receive assistance from parents of other 4-H members exhibiting in the 4-H show or from Gibson County 4-H leaders. Any other assistance, such as from professional showman, etc. will result in that exhibitor's entries being withdrawn from the show.

- All 4-H exhibitors are responsible for providing feed and clean water for their animals until they are shipped to market or taken home. **Failure to properly care for your animals while at the fair may result in dismissal from the program.** If you are neglecting to care for your animals, three or more members of the livestock committee must witness the neglect. You will then be issued a warning by one of the livestock committee members. If the situation is not remedied, a member of the livestock committee will take the appropriate action to care for the animal, and you will be assessed a fine of \$25 each time someone else must care for your animal in your absence. This fine may be deducted from your auction proceeds.

- 4-H exhibitors who are age 10 and above (children under age 10 are not charged admission) will receive a pass to the fair courtesy of the Fair Board. However, this does not admit your car or anyone who is not a 4-H member. You may normally enter the fairgrounds during the day prior to approximately 1:00 p.m. without charge. You may also enter late in the evening after 10:30 p.m. If parents or other non-4-H members will be coming to the fairgrounds between approximately 1:00 p.m. and 10:30 p.m. to feed livestock, we suggest that you purchase a pass that is good for the week.

- 4-H Livestock exhibit release times will be determined by the Livestock Superintendents and 4-H Youth Development Extension Educator. Exceptions to the published release time must be approved by the species Superintendent and the 4-H Youth Development Extension Educator. Violations of this policy may result in forfeiting of all awards and the 4-H member not being allowed to exhibit livestock the following year.

- **Animal Exhibition Policy:** 4-H animals exhibited after the animal enrollment deadline (May 15 for all animals) at any show by anyone other than the person listed on the Indiana 4-H animal enrollment form will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing state fair eligibility. This policy applies to all 4-H animal projects. For animal projects without enrollment forms, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the enroller of the animals.

- **All market steers must be enrolled by May 15. All other animals (Dairy, Swine, Sheep, Goats, Horse & Pony, Beef heifers) must be enrolled by May 15. If planning to exhibit livestock at the State Fair, contact the Purdue Extension Office as some species have additional identification requirements. Be sure to meet the ID requirements listed on the next page.**

- **No animals can be penned or stalled until the superintendent inspects the animal. Failure to comply will result in ineligibility to show animal and animal must be removed from premises.**

2024 Indiana State Fair & Gibson Co. Fair 4-H Animal Identification

The following table lists the different animal species and the respective form of identification that is required for a 4-H member to be eligible to show in the 4-H livestock shows at the 2023 Indiana State Fair. The animal ID information must be entered in the Indiana 4-H Online enrollment system by the respective deadlines. Missing, incomplete or incorrect animal ID information could result in state fair ineligibility for that particular animal. The last column contains the Gibson County only exhibition requirements.

INDIANA State Fair ONLY

Max# to Enroll

Deadline Exhibit in Gibson Co Only Requirements*

Beef and Dairy Beef Steers	840-RFID Tag & 5-digit County Tag & DNA Hair Sample	10 Total steers	15-May	840-RFID tag & 5-digit county tag
Commercial, Market Heifers	840-RFID Tag & 5-digit County Tag & DNA Hair Sample	10 total	May 15	840-RFID tag & 5-digit county tag
Beef, Registered Heifers	840-RFID Tag & tattoo that matches registration & DNA Hair Sample	10 total heifers	May 15	840-RFID Tag & tattoo that matches registration
Dairy Cattle	840-RFID tag & animal's registered name & registration number (or dam's registration number) & DNA Hair Sample	40 total	May 15	840-RFID tag & animals registered name & registration number (or dam's registration number)
Dairy Goat Females, Registered	Breed Registry Tattoo	40 dairy goats total	May 15	Breed . registry tattoo.
Dairy Goat Wethers	5-digit County Tag or Tattoo	40 dairy goats total	May 15	5-digit county tag or tattoo
Meat Goat Wethers	840-RFID Tag & 5-digit County Tag & DNA Hair Sample	40 meat goats total	May 15	5-digit County Tag
Boer Goat Females, Registered	Breed Registry Tattoo & DNA Hair Sample			Breed Registry Tattoo
Market Goat Does (Wether Dams)	840-RFID Tag & 5-digit County Tag & DNA Hair Sample			5-Digit County Tag
Pygmy Goats Registered	Breed Registry Tattoo or Microchip that Matches Registration Papers	40 total	May 15	Breed Registry Tattoo or Microchip that matches registration papers
Pygmy Goat Unregistered	Official USDA Scrapie Tag or Official Scrapie Tattoo		15-May	Official USDA Scrapie Tag or Official Scrapie Tattoo
Horses and Pony	2 Color Picture on 4-H Online	20 total	May 15	4-H Online (no picture)
Sheep Market Lambs	840-RFID Tag & 5-digit County Tag & DNA Hair Sample	30 sheep total	May 15	5-Digit County Tag
Commercial Ewes	840-RFID Tag & 5-digit County Tag/or official scrapies tag & DNA Hair Sample	15 Gilts 15 Barrows	May 15	5-Digit County Tag/or official scrapies tag
Registered Ewes	840-RFID Tag & ID that matches registration papers & DNA hair Sample	15 Gilts 15 Barrows	15-May	ID that matches Registration papers
Swine	840-RFID Tag & Ear Notch & DNA Hair Sample	15 Gilts 15 Barrows	May 15	840-RFID tag & Co. 5 digit Visual tag

Supreme Showmanship Contest

The following rules apply to livestock showmanship contests. These contests may or may not be offered depending on sponsorship and the discretion of the livestock Superintendent.

Supreme Livestock Showmanship Contest is a test of overall showmanship ability and knowledge of livestock in general. Participants include the Senior, Junior, Clover age showmanship winners in Beef, Swine, and Sheep. Beef, Swine, and Sheep Showmanship contests will be held on Monday morning of the fair. Animals should be clean but not fitted for this contest. If a 4-H member places first with more than one species of animal, he/she will represent the species that was shown first in the Supreme Showmanship Contest that will be held on Thursday morning. The Supreme Showmanship contestants will be required to show a beef, swine and sheep animal and may be asked by the judge to answer questions about each animal. Contestants will show animals selected by the department Superintendent and not their own.

- A winner will be selected in Clover (grades 3-5), Junior (grades 6-8) and Senior (grades 9-12) divisions. Previous Senior winners are no longer eligible to compete in the contest. Previous Junior winners are only eligible for the Senior division competition. Previous Clover winners may only participate in the Junior or Senior divisions.
- Awards will be given to Clover, Junior, and Senior division winners.

Gibson County 4-H Livestock Premium Auction

Under authority of the Gibson County 4-H Inc. Board, the 4-H Livestock Auction is sponsored and conducted by the 4-H Livestock Committee. The purpose of the auction is to provide an incentive for participation in livestock projects.

Any animal that participates in the livestock auction (including sale of products such as milk, ice cream, eggs, etc.) is ineligible for participation in the Indiana State Fair.

Participation - Any current 4-H member enrolled in one or more of the following livestock projects are eligible to participate: Swine, Beef, Sheep, Meat Goat, and Dairy Cattle. The Grand Champion Commercial Poultry (meat, egg, all purpose, and turkey), Grand Champion Rabbit, Grand Champion Meat Pen Rabbit, and Grand Champion Dairy Goat also will be eligible to participate in the auction.

Fees are deducted from the check the 4-H member receives for his or her animal. Fees include:

- to provide a plaque for each buyer with a picture of the 4-H member and animal.
- 2% will go into a fund controlled by the livestock committee. This deduction also covers the expense of publicity recognizing buyers and promoting buyer participation in the sale.

Rules for the Premium Auction:

- A 4-H member may have only one (1) entry in the 4-H Livestock Auction.
- Each 4-H member with an entry in the auction is expected to be present at the auction to sell his or her animal. In case of illness, emergency, or other extenuating circumstances, the committee may allow animal to be presented for sale by another 4-H member.
- Because participation in the livestock auction makes an animal ineligible for participation in the State Fair, no one is required to participate in the auction.
- The auction is to include only the market animals of each specie: Swine - barrow, Beef - steer, Meat Goat-wether, Sheep - Market lamb. **(Not breeding stock).**
- Barrows, steers, and meat goat wethers must meet minimum weight requirements to be eligible for the livestock auction. Steers 900 lbs.; Barrows 220 lbs.; Meat Goat Wethers 40 lbs.

Sale of Champions:

The Grand Champion of each species is given the opportunity to sell in the spotlight sale at the beginning of the premium auction. If the exhibitor of the Grand Champion chooses not to sell the animal, the Reserve Grand Champion may be sold in the Sale of Champions. If the Reserve Grand Champion chooses not to sell the animal, then the species will not be represented in the Sale of Champions. The Grand Champion Rabbit will sell in the Sale of Champions in even numbered years, and the Grand Champion Meat Pen Rabbit will sell Sale of Champions in odd numbered years.

Aerospace

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

State Fair Entries: **3 rockets, drones, remote control aircraft, posters, notebooks or display boards per county; one per level.**

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

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

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

"Ready to Fly" and E2X rockets are not permitted. Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations. Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly. The power source (rocket engine, battery pack, etc.) is to be removed before being placed in public exhibition.

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

Exhibit Class Guidelines:

Beginner (grades 3-5)

Construct a rocket of your choice designed for a new model rocket enthusiast with a difficulty

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

Learn to fly a remote-control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to Page 2 of 2 include a notebook or poster including how the aircraft/drone was used and aerospace skills learned.

Displaying the aircraft or drone is optional. Other topics could include how a quadcopter operates,

controls used to fly a quadcopter, UAV regulations administered by Federal Aviation Administration, commercial and emergency uses of UAVs, and more.

Intermediate (grades 6-8)

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

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

Advanced (grades 9-12)

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

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

Antique Tractor Restoration NO STATE FAIR EXHIBIT

The project will be judged by grades:

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

1. Projects must be displayed on a poster or described in a notebook for exhibit during the fair. Photos of relevant material or the restoration process are encouraged. See poster and notebook requirements at the end of this section.

2. Projects will be judged on notebook or poster exhibition. Judging will consider the amount of research completed, the quality of the project, difficulty of subject material or restoration, and neatness of display.

3. Tractors are not required to be exhibited during the fair and exhibition will not impact your placement. If restoration work was completed on tractors that are exhibited at the fair, exhibited tractors may be viewed to analyze the completed restoration work however, all work should be documented and included in the project notebook or poster.

Level I - Grades 3, 4, & 5

1. Create a poster or notebook describing a topic related to antique tractors. Topics can include: the history or design of antique tractors, types of antique tractors, how to complete basic maintenance on antique tractors, and more! Any topic related to the subject is acceptable. Pictures are encouraged. .
2. Tractor displays are allowed however not required to complete the project.

Adapted from University of

Level II - Grades 6, 7, & 8

1. Create a poster or notebook describing a topic related to antique tractors. Any topic related to the subject is acceptable; pictures are encouraged. Topics should be more advanced than Level 1.
2. Tractor displays are allowed however not required to complete the project.

Level III - Grades 9, 10, 11, & 12

1. Create a poster or notebook describing a topic related to antique tractors. Any topic related to the subject is acceptable; pictures are encouraged. Topics should be more advanced than Level 2.
2. Tractor displays are allowed however not required to complete the project.

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. Notebook exhibits must be displayed in a standard three ring binder. Choose one of the options listed above, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right-hand corner.

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 manner in which references are listed.

Arts and Crafts

Each craft is set up as a separate project. A member may exhibit in as many projects as desired.

Basic Craft	5 entries selected for State Fair Exhibition
Needle Craft	2 entries selected for State Fair Exhibition
Fine Art	2 entries selected for State Fair Exhibition
Model Craft	2 entries selected for State Fair Exhibition
Construction & Architectural Replica	1 entry selected for State Fair Exhibition

Labels will be mailed to the exhibitor before the fair. The name label must be securely attached and visible, and 4-H-618A-W "[4-H Craft Information Card](#)" to the exhibit.

Exhibits must be one of a kind or a related unit (Examples: sets or pairs.)

Pictures must be ready for hanging with picture wire securely attached. Wire must be securely fastened across the back of the frame. No other mounting materials will be accepted. Consult the Framing Instructions for more details (details on framing in Fine Art description area). Please always be aware of space required for exhibit.

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.

BASIC CRAFTS

State Fair Entries: 5 Basic Craft entries per county

Exhibit Class: Beginner- Grades 3-5 Intermediate - Grades 6-8 Advanced - Grades 9-12

Exhibit Guidelines:

You may enter one exhibit in each of the following classes:

1. Handmolded Pottery

2. Ceramics

3. Paint-by-Number

4. Recycled article

5. Tees and Sweats

6. Wreaths and Wall hangings

7. Miscellaneous (You may enter more than one exhibit in this category as long as different techniques are used.)

1. Handmolded pottery

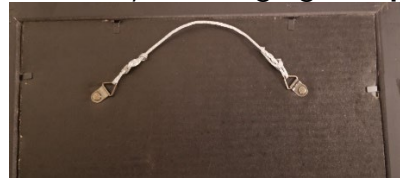
A hand formed or hand-built article from moist clay. A Potter's wheel can be used. A glaze can be applied and fired. Suggest to add name or initials and date to article.

2. Ceramics

Select a piece of Greenware and exhibitor must clean. Put your name or initials and the date, on the bottom and get it fired. This project is usually done under the supervision of an instructor. **Note:** Articles made at "Fired Up" bypass this step and will need to be entered under Miscellaneous Basic Craft. **Exhibit:** a pre-molded article that shows what you have learned in the project. Suggest to choose a simple item for the younger divisions and more difficult items as you learn more techniques.

3. Paint-By-Number

Since this is a kit project, specific instructions will be included in your kit. Take care to select a subject suitable to your skills. Neatness will be the prime factor in judging your article. (Lines and numbers covered, sharp true lines, colors smooth.) Most of the time this project is not complete until it is framed. Choose a frame that is the correct size and complements the picture. Matting can be used. Glass may be used but make sure mat holds the picture away from the glass. Some canvas stamped pictures that need to be stretched over a frame may be displayed without a frame. Picture wire, attached with eye hooks, must be used. **Exhibit:** One picture or a pair of matching pictures, ready for hanging **with picture**



wire. Consult the Framing Instructions for more details.

4. Recycled Articles

Exhibits must be one technique in single articles or matched sets. They must be made from used articles made to serve a different purpose than the original article. Items will be judged according to neatness, originality, usefulness, and general appearance.

5. Tees and Sweats

This is a project that a 4-H member can enjoy wearing. You can design your own or take a class in sweatshirt painting and decorating. Suggested designs: painting, tie-dyeing, stenciling, monograms, appliqué, etc.

6. Wreaths and Wall Hangings

Wreaths and Wall Hangings must be ready to hang preferably with a wire hanger. (can NOT be displayed with an "over the door" wreath hanger) Securely fasten your label on wreath. Recommended tying label to hanger on back of wreath/wall hanging, allowing enough string/ribbon for the label to drape over the front of the wreath/wall hanging, in plain view.

7. Miscellaneous

The purpose of the Miscellaneous Category is to encourage creativity and unique talent. The Miscellaneous Category includes such crafts as: **Leathercraft, Decoupage, Basket weaving, Stained Glass, Wood Burning, Wood Carving, Tole Painting, Plastic Canvas, and any other basic craft not listed previously.** This is where articles made at "Fired Up" are to be entered. These are hand

paintings on ceramic where the article is not cleaned as greenware. You may enter more than one exhibit in this category as long as different techniques are used.

Needle Craft

State Fair Entries: 2 Needle Craft entries per county

Exhibit Class: Beginner (grades 3-5) Intermediate (grades 6-8) Advanced (grades 9-12)

Exhibit Guidelines: May enter more than one exhibit in this category as long as different techniques are used.

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.

Fine Arts

State Fair Entries: 2 Fine Art entries per county.

Exhibit Class: *Beginner (grades 3-5) Intermediate (grades 6-8) Advanced (grades 9-12)*

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. All fine art can be displayed on canvas, canvas board, or paper.

All work must be framed as a picture and prepared for hanging with wire attached. See example. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

Original or Freehand Art You may enter one exhibit in each of the following classes:

Oil

Acrylic or Water Color

Pastels or Chalk

Charcoal

Black Ink or Colored Pencil

Colored Ink or Colored Pencil

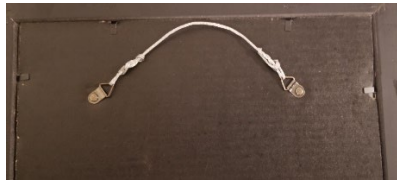
Miscellaneous For pictures that do not fit in the other 6 classes, such as a combination of mediums.

To give 4-H members the opportunity to express themselves through different mediums in painting and drawing, you will want to:

- * Select or prepare background material suitable for the painting or drawing medium chosen.
- * Select a subject appropriate for the background, your interest and experience. A beginner will want to start by selecting a simple subject such as shapes only.
- * Prepare a simple plan of what you will do, considering space and color relationships.
- * Experiment with matting and framing the finished picture. Consider color, texture, depth, and weight. Matting is not considered framing. Matting may add to the appearance of the picture, however matting alone is not considered framed.
- * Experiment with equipment and techniques for using the medium selected. Try several pictures

Framing Requirements:

Framed pictures ready for hanging with picture wire securely attached. Matted pictures must be framed and must have secure hanger and wire attached. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger. A picture below of proper framing. Frames can hang vertically or horizontally but need to be properly prepared for hanging.

**Model Craft**

State Fair Entries: 2 Model entries per county

Exhibit Class: *Beginner (grades 3-5) Intermediate (grades 6-8) Advanced (grades 9-12)*

Exhibit Guidelines:

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

Construction and Architectural Replica

State Fair Entries: 1 entry per county

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

Beginner (grades 3-5) Intermediate (grades 6-8) Advanced (grades 9-12)

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.

Beef

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal.

You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

Refer to Livestock Show Policies, Animal ID Requirements and Board of Animal Health exhibit requirements to ensure that you have met the project requirements. No animals can be penned or stalled until the superintendent inspects the animal.

1. All 4-H Beef animals must meet state health requirements.
2. No horns on steers and commercial heifers at 6 months of age or older.
3. A 4-H member may show a maximum of 6 steers and 6 heifers.
4. All pumps will be barred from the facility.
5. No unnatural fitting, such as false switches, artificial hair, and **NO alcoholic beverages will be allowed.**
6. 4-H exhibitors may receive clipping and grooming assistance from members of their family who are no more than 2 generations removed from the exhibitor or from a current, Indiana 4-H member. Temporary guardianships are not permitted and shall result in immediate disqualification. 4-H members exhibiting at the Gibson Co. 4-H show may also help one another, receive assistance from parents of other 4-H members exhibiting or from Gibson County 4-H leaders. Any other assistance, such as from professional showman, etc. will result in that exhibitor's entries being withdrawn from the show.
7. **There will no longer be a county tag/weigh in day.** 4-H'ers will be responsible to go to Extension office, pick up 5-digit tags & 840 RFID tags, DNA Hair Sample envelopes (only need DNA if exhibiting at ISF), tagging their own animals, and enter in 4-H online by published deadlines. **If you need assistance with tagging your 4-H beef, you may contact any of the 4-H beef superintendents and they will assist you with that task.**
8. All Beef animals should be in the 4-H'ers care by **April 1st**.

Beef Steer

NOTE: All steers must be enrolled in 4-H online Beef section and be under the care of the 4-H exhibitor by May 15th.

1. Beef steers will be shown by breed classes if they qualify, otherwise they will be shown in a crossbred class. All breed steers must meet breed requirements and have the required papers and tattoos in the ear by **May 15th**.
2. All beef, dairy steers are required to have a 5-digit tag & 840 RFID tag, DNA Hair Sample (only need DNA if exhibiting at ISF), tagging their own animals, and enter in 4-H online by **May 15th**.
3. Steers will be shown by breed and weight. Steers from breeds with fewer than 3 eligible will be shown in an AOB class.
4. Crossbred steers will be shown by weight.
5. No steer less than 900 lbs. will be allowed to sell.
6. Gibson County Born and Bred Steer Class.

Beef Heifer

1. Commercial and Market Heifers are required to be tagged with 840-RFID tag, 5-digit county tag, DNA Hair sample (only need DNA if exhibiting at ISF) and entered in 4-H online by **May 15th**.
2. Registered Heifers are required to be tagged with 840-RFID tag, ear tattoo, DNA Hair sample (only need DNA if exhibiting at ISF) and entered in 4-H Online by **May 15th**.
3. Beef registered heifers will be shown by breed and will be required to have registration papers.
4. Heifers from breeds with fewer than 3 eligible heifers will be shown in AOB class.
5. Commercial heifers will be shown by weight.
6. Breed Registered Heifers will be divided into the following classes:
 - a. Junior heifer calves born January 1 to March 31, 2024
 - b. Winter heifer calves born November 1 to December 31, 2023
 - c. Senior heifer calves born September 1 to October 31, 2023
 - d. Late summer yearling heifers born July 1 to August 31, 2023
 - e. Early summer yearling heifers born May 1 to June 30, 2023
 - f. Spring yearling heifers born March 1 to April 30, 2023
 - g. Junior yearling heifers born January 1 to February 29, 2023
 - h. Senior yearling heifers born September 1 to December 31, 2022
7. Gibson County Best Bred

NOTE: Check with Purdue Extension Office concerning requirements for State Fair entry. It is the 4-H member's responsibility to complete the online State Fair entry.

Beekeeping

Description:

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

State Fair Entries:

1 educational exhibit per county.

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

Exhibit Guidelines:

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

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

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

Special Notes:

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

- Be careful to distinguish "chunk honey"(comb in jar) from "cut comb" (comb only in box). Honey (including chunk, cut comb and comb) must be collected since the previous county fair.

Exhibit Class Guidelines:

Educational Poster or Display (grades 3-12)

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

Single Honey Product (grades 3-12)

Exhibit one of the following:

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

Two Honey Products (grades 3-12)

Exhibit two of the four kinds of honey listed below.

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

Cake Decorating

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

State Fair Entries: 3 entries per county; one per level.

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

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

must include a completed Cake Decorating Skills Sheet (4-H 710) and must accompany the cake for the judge's reference during judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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

Exhibit Class Guidelines:

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

Intermediate (grades 6-8)

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

Advanced (grades 9-12)

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

Indiana 4-H Cake Decorating Skills and Techniques

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

The X indicates suggested level to learn respective skill.

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

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

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

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

Cat

Refer to Board of Animal Health exhibit requirements.

4-H members may choose to do any or all of the following options:

- **Participate in 4-H Cat Show**
- **Participate in Cat Showmanship**
- **Exhibit a Cat Poster**
- **Do a Cat Action Demonstration**

All activities are divided into the following age groups:

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

1. 4-H cats must be owned and under the care of exhibitor by May 15 of the current year.
2. Cats DO NOT need to be registered or pedigree in order to enter the 4-H Cat Show.
3. 4-H Exhibitors will be given an entry number that will be used throughout the show for judging and benching. When this number is called, it will be time for the exhibitor with his/her cat to report to the judging area.
4. Each 4-H exhibitor is responsible for bringing the 4-H cat to and from the show ring. Only 4-H members may show cats at the judging table. A 4-H cat entered, but not presented or available, will be disqualified.
5. Substitutions of 4-H cats are not permitted show day.
6. Pregnant or lactating female cats are not permitted at the show.
7. Cats will be judged on **(1) health, (2) cleanliness, (3) grooming, (4) personality**, and if all categories are equal, the judge will choose a winner by its "star quality".
8. After each 4-H cat has been judged, 4-H members are to remain in the benching area as the cat may be called again for a run-off.
9. Cats must meet the health requirements including: (Form 4-H 777)
 - No signs of any communicable disease or parasites
 - All cats must be accompanied by a certificate of vaccination or statement signed by a licensed veterinarian that within 1 year of the date of exhibition the cat has been vaccinated for feline panleukopenia, feline rhinotracheitis and calicivirus **and** have been tested negative and vaccinated for feline leukemia. All cats over 3 months of age must be vaccinated for rabies by a licensed veterinarian within one year of exhibit. ****This vaccination must occur at least 2 weeks before the Cat Show. The completed Form 4-H 777 must be signed by a veterinarian and provided at the Cat Show.**
10. Classes may include:
 - (1) Adult long hair
 - (2) Adult short hair
 - (3) Kitten long hair
 - (4) Kitten short hair
 - (5) Purebred long hair
 - (6) Purebred short hair.

Classes may be combined due to low numbers in a class.

Cat Poster

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

The following suggestions are ideas for the development of educational cat posters. 4-H members need not be limited to just these mentioned topics:

Level 1 (Clover): cat care, cat breeds, litter training, treating my cat with care and respect, cat responsibilities, grooming skills, training my cat, declawing good or not, neutering/spaying, I lost my cat, determining cat costs, traveling with my cat, my cat's safety.

Level 2 (Junior): national cat fancier associations, a cat clinic, judging, training with extra praise, careers related to cats, should my cat have kittens?, types of cat food, feeding my cat,

things I've learned, insect pests, cat tails talk, symptoms of ill health, pet therapy programs, aging cats, saying goodbye to my cat.

Level 3 (Senior): understanding a cat show, planning a cat business, am I a role model?, cat genetics, cat organs and systems, exploring careers, learning about leadership, my cat quiz bowl, teaching others, having fun learning, cat laws, protecting our environment, issues of animal welfare/rights.

Cat Showmanship / Knowledge

The purpose of this activity is to help 4-H members learn and become more aware of cat fancier knowledge, show techniques, and related management.

1. 4-H members will need to enroll for this activity on the 4-H enrollment form.
2. Reference material may not be used during the activity by participants.
3. Questions for the activity will be taken from one or more of the following publications:
 - Level 1 (grade 3, 4, 5): North Central 4-H Cat Pub. #411 Purrr-fect Pals!
 - Level 2 (grade 6, 7, 8): North Central 4-H Cat Pub. #411 - 412 Purrr-fect Pals and Climbing Up!
 - Level 3 (grade 9, 10, 11, 12): North Central 4-H Cat Pub. # 411, 412, 413, 254 Purrr-fect Pals!, Climbing Up!, Cat Connections Your Cat and You.
4. Activity Criteria:
 - Part 1 - Written Quiz about Cats (100 points)
 - Part 2 - Handling Posting & Showing Your Cat (100 points)
 - Part 3 - Oral Interviews about your cat and its body parts (100 points)
5. Knowing answers to the following sample questions help the 4-H member appropriately prepare for participation in this activity:
 - Name 3 breeds of purebred cats.
 - What is a cat parasite? Give an example of one parasite.
 - How should cat parasites be controlled?
 - How can you tell if your cat has ear mites?
 - What are hairballs? How can hairballs be prevented?
 - How would you stop a catfight?
 - How often should a cat / kitten be bathed?
 - Name 5 symptoms that indicate your cat is getting sick.
 - Why do cats scratch? How do you avoid ruined furniture?
 - Why is cat vaccination so important?

Action Demonstration

An Action Demonstration may be given at a 4-H meeting, workshop, or at the fair.

Child Development

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

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

Exhibit Guidelines: 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.

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

Notebooks are to include the following:

- Identifications on the front showing 4-H member's name, county, club, grade and year in project.
- Title page naming the activity.
- Pages explaining how activity was developed and is to be used.
- Photographs showing how the activity was used along with assembly.
- Explanation of skills learned and any additional information to share with the reader.

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

Exhibit Class Guidelines:

Level A (grades 3-4) Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level B (grades 5-6) Exhibit a poster, display, or notebook about a manual activity. Other similar activities are permissible.

Level C (grades 7-9) Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Level D (grades 10-12) Exhibit a poster, display, or notebook about a manual activity. Other similar activities designed to help develop physical, emotional or cognitive skills are permissible.

Computer Science

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

State Fair Entries: 3 per county; one per level.

Exhibit Guidelines: Grades 3-5, Beginner; Grades 6-8, Intermediate; Grades 9-12, Advanced. Exhibits are to be skill appropriate for the member's grade level.

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

Youth may continue in the same subject category in subsequent years expand on the previous year's topic or choose a new topic. Subject categories are:

- Block Based Programming
- Text Based Programming

- Web Design and Computer Entrepreneurship
- Computer Forensics
- Hardware and Networking Design/Install/Repair
- Graphic Design and Computer Art
- Robotics

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

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

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

Exhibit Class Guidelines:

Block Based Programming:

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 programming language of your choice. You should comment your work and it must include at least ten different commands. Skills this program could use are:

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

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

- More robust demonstration of Intermediate Skills
- Parameters
- Recursion
- Interact with databases
- Classes

- Objects
- Methods
- Inheritance
- Integrate multiple languages into one program
- Demonstrate utilization of a version control system
- Any other similar skill

Web Design and Computer Entrepreneurship

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

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

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

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

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

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

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

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

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

Intermediate Computer Forensics – Grades 6-8 – Research and create a 6–8-minute presentation on one of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

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

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

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

Hardware and Networking Design/Install/Repair

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

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

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

- Identify network hardware
- Design a computer network

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

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

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

Graphic Design and Computer Art

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

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

Robotics

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

Beginner – Grades 3-5

- Create a flowchart
- Build a robot
 - Use block or text based program to operate
 - Sequential programs
 - Events at beginning
 - Use at least one basic sensor

Model and demonstrate robot behaviors using a simulation environment (e.g. VEXcode VR * <http://vr.vex.com>)

Intermediate – Grades 6-8

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

Advanced – Grades 9-12 - Above guidelines plus:

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

Consumer Clothing

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

State Fair Entries: 3 Notebooks per county, no clothing; one per level.
1 advanced level per county to model in state fair fashion revue.

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

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) 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.

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

4-H members may compete in crops judging contests at the county and area level. We have both Junior and Senior judging teams in the county. These contests are held in the fall.

NO STATE FAIR ENTRY FOR ANY CROPS

CORN

Grade 3: Exhibit one corn stalk (with clean roots).

Grade 4: Exhibit one corn stalk (with clean roots).

Grade 5: Exhibit one corn stalk (with clean roots).

Grade 6: Exhibit one corn stalk (with clean roots).

Grade 7: Exhibit one corn stalk (with clean roots).

Grade 8: Exhibit one corn stalk (with clean roots).

Grade 9: Exhibit one corn stalk (with clean roots).

Grade 10: Exhibit one corn stalk (with clean roots).

Grade 11: Exhibit one corn stalk (with clean roots).

Grade 12: Exhibit one corn stalk (with clean roots).

HAY

Hay will be divided into:

Clover (Grades 3-5)

Junior (Grades 6-8)

Senior (Grades 9-12)

Exhibit ONE of the following:

- One baled flake of alfalfa in a clear plastic bag.
- One baled flake of hay (legume grass mixture) in a clear plastic bag.
- One baled flake of hay (grass mixture) in a clear plastic bag.

SOYBEANS

NOTE: Information on date and variety planted must accompany the exhibit.

Grade 3: Exhibit one soybean plant (with clean roots).

Grade 4: Exhibit one soybean plant (with clean roots).

Grade 5: Exhibit one soybean plant (with clean roots).

Grade 6: Exhibit one soybean plant (with clean roots).

Grade 7: Exhibit one soybean plant (with clean roots).

Grade 8: Exhibit one soybean plant (with clean roots).

Grade 9: Exhibit one soybean plant (with clean roots).

Grade 10: Exhibit one soybean plant (with clean roots).

Grade 11: Exhibit one soybean plant (with clean roots).

Grade 12: Exhibit one soybean plant (with clean roots).

WHEAT

Exhibit 10 pounds in open cloth sack.

Wheat will be divided into:

Clover (Grades 3-5)

Junior (Grades 6-8)

Senior (Grades 9-12)

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)

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)

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)

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.

Dairy Cattle

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

1. Each member may show only one animal per class.
2. Animals must meet state health requirements.
3. Animals must be purebred or high grade, but they do not have to be registered.
4. There will be classes for each of the recognized dairy breeds as follows: Jersey, Brown Swiss, Holstein, and Guernsey.

5. There will be classes for each of the following:

- Spring Heifer calf (born after Mar.1, 2024 - May 15, 2024)
- Winter Heifer Calf (born Dec.1, 2023 - Feb. 29, 2024)
- Fall Heifer Calf (born Sept. 1, 2023 - Nov. 30, 2023)
- Summer Junior Yearling (born June 1, 2023 - Aug.31, 2023)
- Spring Yearling (born Mar. 1, 2023 - May 31, 2023)
- Winter Yearling (born Dec. 1, 2022- Feb 28, 2023)
- Fall Yearling (born Sept. 1, 2022 - Nov. 30, 2022)
- Jr. 2 Year Old Cow (born Mar. 1, 2022 - Aug. 31, 2022)
- Sr. 2 Year Old Cow (born Sept.1, 2021 - Feb. 28, 2022)
- Jr. 3 Year Old Cow (born Mar. 1, 2021 - Aug. 31, 2021)
- Sr. 3 Year Old Cow (born Sept. 1, 2020 - Feb. 28, 2021)
- 4 year old cow (born Sept. 1, 2019 - Aug. 31, 2020)
- 5 year old cow (born Sept. 1, 2018 - Aug.31, 2019)
- Dry Cow
- Get of Sire (3 animals)
- Best 3 female under 2
- Produce of Dam (2 animals)
- Two Generation
- Best Uddered Cow

6. Champion and Reserve Champion will be awarded in each breed.

7. Other options for completing the Dairy project include poster, showmanship, and Action Demonstration.

Dog

4-H members must bring all vaccination records and rabies certificates to the Dog Show to exhibit. ** Refer to Board of Animal Health exhibit requirements.

You may also complete the Dog project by completing a poster on any Dog topic. See this handbook for poster requirements. Posters are due with all other Exhibit Building projects.

****IMPORTANT NOTICE**** Because certain required vaccinations have not been proven effective in wolf-hybrids, they therefore do not meet the vaccination requirements of the Indiana Board of Animal Health and **CAN NOT** be shown in the 4-H Dog Program.

- Each exhibitor must have a completed and signed copy of the certification of vaccination form 4-H 671.
- All dogs must be brought to the show on a leash. 4-H dogs must wear a well-fitted slip or buckle collar made of leather, fabric, or chain in order to be exhibited in obedience classes. The leash may be made of fabric or leather and must be 6 feet in length.
- Dogs displaying signs of aggression, communicable diseases, or female dogs in season are not to be shown.
- Dogs must be shown in the appropriate class.

Obedience

First Yr. A: For 4-H members with no previous experience with a dog that has received no obedience training prior to March 1 of the current year.

First Yr. B: For 4-H members with previous dog training experience (4-H or otherwise) coming back with a new dog or for 4-H members with no experience whose dogs have had training which disqualified them for 1-A.

Veterans: For 4-H members whose dogs are at least 7 years old or are physically challenged. The dog must have completed at least 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 completed in the Veterans class.

Showmanship

Novice-grade 3, **Junior** grade 4-5, **Intermediate**-grades 6-8, **Senior** – grades 9-12

Agility Must show in Dog Obedience this year to qualify to show in Agility.

Beginning (must use 6' leash):

Lot 1 – BA 4-H member has not previously participated in Beginning Agility

Lot 2 – BB 4-H member has participated in Beginning Agility before, either with the current dog or a different dog

Intermediate (must be off lead)

Lot 3 – IA 4-H member has not previously participated in Intermediate Agility.

Lot 4 – IB 4-H member has participated in Intermediate Agility before, either with the current dog or a different dog. **Advanced (must be off lead):**

Lot 5 – AA 4-H member has not previously participated in Advanced Agility.

Lot 6 – AB 4-H member has participated in Advanced Agility before, either with the current dog or a different dog.

Each class will offer 3 divisions based on the dog's height at the withers:

- Division 1 – dogs 14" and under will jump 8" hurdles
- Division 2 – dogs over 14" through 20" will jump 14" hurdles
- Division 3 – dogs over 20" will jump 20" hurdles.

All agility work will be done on a flat, buckle collar. Beginning level must use a 6-ft. lead. All other levels will be off lead.

Dog Care

This class is to teach the 4-H member good canine health care practices and for the dog to be examined without stress. Exhibit dog on leash. Dog will be judged on grooming, general health, (eyes, ears, teeth, coat), and cleanliness. Exhibitor must bring their completed health record of parasite control, vaccinations, illnesses, and breeding record. THIS CLASS IS NOT ELIGIBLE FOR THE INDIANA STATE FAIR

Dogs will be judged on the following items:

1. COAT (20 points maximum)
2. WEIGHT (15 points maximum)
3. EYES (15 points maximum)
4. MOUTH (15 points maximum)
5. EARS (20 points maximum)
6. FEET (15 points maximum)

Dog Novelty Class

This class is to promote social activities and imagination with your dog along with keeping 4-H members interested and involved in the canine program.

The canine activity leaders will decide upon the specific description of this class at the beginning of the 4-H year (costume class, obstacle class, K9 musical chairs, etc.). 4-H members must exhibit their own dog. THIS CLASS IS NOT ELIGIBLE FOR THE STATE FAIR.

Additional options for completing the Dog project include **Tabletop Display, Showmanship, Poster, Action Demonstration**. You will be notified with a schedule of Dog Obedience training classes.

4-H Dog Educational Exhibits

Purpose: to promote educational, creative, dog related 4-H exhibits. Exhibits should be focused on topics listed as a part of the 4-H Dog activity guides (4-H 415, 4-H 416, 4-H 417, 4-H 418) or from the list found below. An educational exhibit should be designed to teach those who view it, about the selected topic. Choose topics of interest to the 4-H member, then apply

your imagination.

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

The above educational exhibits can include:

Dog Poster – See this handbook for poster exhibit requirements.

Dog Display – An educational tabletop display including a display board that occupies a space no larger than 36" high x 24" wide x 12" deep.

Dog Diorama – An educational, 3-dimensional, free standing, tabletop exhibit, or miniature scene, backed by a display board, no larger than 36" high x 24" wide x 12" deep.

Topics: The following suggestions are ideas for development of educational dog exhibits. 4-H members need not be limited to just these topics:

Juniors: dog care, dog breeds, me and my dog, helping the handicapped.

Intermediate: purposes of dogs, responsible dog ownership, uses of dogs, diseases/parasite prevention, careers with dogs.

Seniors: Learning life skills, with the dog project, your dog and the law, food, a dog's sense of smell, dog over-population problems, animal health, animal welfare. **NOTE: To participate in the State Fair Dog Show you must submit a State Fair Dog entry form and entry fee to the State Fair Entry Department before July 1st.**

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 make a determination 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 State Fair.

Electric

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

State Fair Entries:

5 electric exhibits per county, one per level

1 electronic exhibit per county, level 5

Exhibit Guidelines:

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

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

Youth are encouraged to complete the activities as instructed in the manual or found on the <https://extension.purdue.edu/4-H/projects/4-h-project-electric.html>

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

Exhibit Class Guidelines:

Electric Level 1 (1st year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project.

Exhibit Suggestions:

- Circuit board – 6" by 6" of Series/Parallel Circuit
- Electromagnet
- Galvanometer
- Poster board (22" by 28")
- Display (appropriately sized for displayed equipment)
- Notebook/Report that covers any topic that is in the National 4-H Electric Curriculum Electricity

Excitement Book 1 or Investigating Electricity Book 2, Purdue Extension website Level 1 activities/project sheets, or from the appropriate level of the Skills & Knowledge Chart. Refer to the Written Report Scorecard, 4-H 824, to determine expected items to be included.

Electric Level 2 (2nd year in Electric)

Exhibit one article of choice displaying proper wiring techniques, made during the current 4-H program year. It must demonstrate a minimum of five (5) or more of the appropriate level of "Skills to be Attained" items as outlined in the "4-H Electric and Electronic Skills & Knowledge Chart". A completed copy of the "Exhibit Skills & Knowledge Sheet" must accompany the project.

Exhibit Suggestions:

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

Electric Level 3 (3rd year in Electric)

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

Exhibit Suggestions:

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

Electric Level 4 (4th year in Electric)

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

Exhibit Suggestions:

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

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

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

Exhibit Suggestions:

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

4-H Electric Scorecard 4-H 824

Written Report Scorecard

ITEM COMMENTS

EFFECTIVE TITLE

- Short, to the point
- Relevant

NEED FOR PROJECT

- Clearly stated
- Work plan

WIRING TECHNIQUES/PRINCIPLES

- Clearly defined
- Appropriate
- Properly done
- Safe
- Well documented/pictures
- Diagrams

PROJECT BUDGET/SPECIFICATIONS

- Included in report
- Clear
- Complete
- Equipment specs

REPORT

- Neat
- Attractive
- Complete
- Concise

- Electric and Electronics Exhibit Skills & Knowledge Sheet (if required)

INDIANA 4-H ELECTRIC

Electric and Electronic Skills and Knowledge Chart

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

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

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

Understand concept of transformer		X			
Applying a wire nut		X	X		
Understand amps and ampacity			X		
Differentiate wire - sizes, types, uses, and colors			X		
Identify a ground			X		
Identify a neutral			X		
Interpret circuits			X		
Read simple schematics			X		
Estimate budget			X		
Execute project planning			X		
Calculate circuit loads			X	X	
Understand voltage drop in a conductor			X	X	
Demonstrate mathematic concepts			X	X	
Understand plug configurations			X	X	
Use crimp-on terminals			X	X	
Measure wattage of lighting			X	X	
Identify polarized vs. Non-polarized plug configuration			X	X	
Understand direct and reflected glare			X	X	
Identify methods of lighting			X	X	
Identify bulb types			X	X	
Understand strain relief of cords			X	X	
Understand kilowatt hour consumption			X	X	
Identify circuit breaker concepts, overload devices			X	X	
Identify underwriters knot				X	
Identify and understand how outlets, switches, and lights work				X	X
Distinguish color of lighting				X	X
Analyze quality of lighting				X	X
Measure quantity of lighting				X	X
Understand electricity production - friction, heat, light, piezo, chemical, magnetic				X	X
Understand proper installation of outlets.				X	X
Understand proper installation of switches.				X	X
Understand proper installation of lighting.				X	X
Understand proper routing & fastening of wire.				X	X
Understand use & securing of conduit.				X	X
Understand bonding of metal components.				X	X
Design a complete branch or feeder circuit.					X
Demonstrate/utilize use of specialized tools. (Knockout kit, Conduit bender, Rotary cutter, Cat 5/5E Crimp tool, Fiber splicer, etc.)					X

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

Entomology

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

State Fair Entries: 3 collection exhibits per county, one per level
3 educational exhibits per county, one per level

Educational Exhibit Guidelines: 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.

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

Collection Exhibit Guidelines:

Collections are to include the following:

- Title as Insect Collection year in Entomology
- Order – refer to ID-401, page 57.
- Display – mounted insects are to have been legally and personally collected in the United States and displayed in an 18"x24" collection box displayed horizontally. Collections including multiple boxes are to be numbered 1 of 3, etc. ID 401 A-F cards (for Beginner and Intermediate) and 401-I cards (for Advanced) are to be placed inside the display box in an attractive manner.
- Identification – Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below). All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.
- Pin Labels - Each pin or vial must contain two labels:
 - 1) Top label is to include collection date, location, and collector name.
 - 2) Bottom label is to include common name and other optional identification data.
- Box Labels – Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID- 401. If family level identification is required, the insects should be further grouped together under the correct family label.
- Educational Box – One additional box (educational), based on the specific theme (see chart below), is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).

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

Exhibit Class Guidelines:

Beginner (1st-3rd Year in Entomology)

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

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

Intermediate (4th-6th Year in Entomology)

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

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

Advanced (7th-10th Year in Entomology)

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

Advanced level insect collections are to also include an education box, for a total of four boxes. Advanced level youth may instead create an independent study topic of choice.

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

Floriculture

****The Gibson County Master Gardeners will sponsor special awards for this project. Awards will be given to the top winners in each division/level in these projects. If there are no entries in the division/level, no awards will be given. Awards will include a certificate with the winners' name and project on it and a \$10 gift certificate.**

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

**State Fair Entries: 8 floral exhibits per county, 2 per level
4 educational exhibits per county, 1 per level**

Exhibit Guidelines: 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.

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

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

Exhibit Class Guidelines:

Level A (grades 3-4)

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

Educational Display Option-Create a poster, notebook or display on one of the following:

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

Level B (grades 5-6)

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

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

- Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
- Explore and explain: insects and your flowers and/or herbs.
- Explore and explain: starting seeds indoors -- the process and pros and cons.
- Explore and explain: perennials -- what are they, how are they used, benefits or drawbacks.

- Investigate and describe a butterfly garden -- what types of plants, benefits to insects and butterflies, etc.
- Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes.
- Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or successes.
- Explore and explain: plant biology -- form and function, growth, photosynthesis, etc.
- Explore and explain: how to grow plants indoors -- things to consider, common problems and solutions.
- Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature).
- Describe an experiment you did and the results.
- Explore and explain topics from "Imagine That" -- plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers.
- Another similar activity.

Level C (grades 7-9 suggested)

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

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

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

Level D (grades 10-12 suggested)

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

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

- Describe how you created your arrangement, include information on the design principles utilized.

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

Foods - Baked

****The Gibson County Health Department will sponsor special awards for this project. Awards will be given to the top winner in each level of this project. If there are no entries in a level, no awards will be given. The award will be a \$10 gift certificate.**

Description:

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

State Fair Entries: 2 Level A entries per county.
 2 Level B entries per county.
 3 Level C entries per county.
 3 Level D entries per county.

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

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

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

For Food Competitions: Fillings, frostings, glazes, and meringues are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream if they are not fully cooked/baked. These items are allowed as ingredients in food products IF the final product is cooked/baked. Additionally, raw milk, raw milk products or uncooked eggs/egg whites are not permitted. Eggs/egg whites that have been cooked to 160°F (i.e. pasteurized **or** included

as part of a batter and baked) are acceptable. No home- canned fruits, vegetables, or meats are permitted as ingredients in food products.

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

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

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

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

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

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

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

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

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement. Perishable baked exhibits entered at State Fair will not be displayed and instead will be donated to a central homeless shelter.

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

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

Level B (grades 5-6) 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 other flavored roll without icing or glaze.
- A no-yeast sweet bread without icing or glaze.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Level C (grades 7-9) Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

- Three yeast bread sticks or yeast rolls (any shape, medium size – not a sweet roll)
- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour mixture. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker.
- A yeast bread loaf or braid. Participants are expected to learn how to knead

bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home breadmaker.

- A yeast bread (can be loaf, braid) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home breadmaker.
- Homemade pizza using a yeast dough. Judges are not expecting this item to be presented hot out of the oven.
- One package of an, invented healthy snack (such as a granola bar, 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, serving size.
- Prepare an entrée casserole that meets three MyPlate requirements for a meal. Use care when transporting to prevent spoilage. Judges are not expecting this casserole to be presented hot out of the oven.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar baked item.

Level D (grades 10-12) Choose one or more of the baked products below, or a similar baked product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters after being judged and not displayed.

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

- index card with instructions, wet ingredients needed, and baking instructions.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar baked item.

Foods, Preserved

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

State Fair Entries: 2 Level A entries per county.
2 Level B entries per county.
3 Level C entries per county.
3 Level D entries per county.

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

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

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

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

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

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

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

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

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

of recovering from any illness. People experiencing symptoms of vomiting, diarrhea, fever, and/or jaundice should not be allowed to prepare food.

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

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

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

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

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

Exhibit Class Guidelines:

Level A (grades 3-4) Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

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

Level B (grades 5-6) Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

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

such as hamburger, sausage, bacon, etc. must be cooked. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.

- One package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen fruit or vegetable juice. Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- One container of frozen soup. Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- A frozen ready-to-eat breakfast sandwich, burrito or similar item. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Level C (grades 7-9) Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

- One (1) container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.
- One jar of a canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbecue sauce, or salsa. Include index card with recipe and instructions for cooking or using the product. Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. **Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.**
- One jar of a canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned products must have the ring on the jar top to protect the seal. **Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.**
- Frozen yeast dough (bread loaf, roll balls, sticks, pizza, etc.). Include index card with recipe and instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any similar preserved item.

Level D (grades 10-12) Choose one or more of the preserved products below, or a similar preserved product of choice. It is suggested a participant choose a different option each year, but this is not a requirement. Exhibits entered at state fair will be donated to local homeless shelters and not displayed.

- One jar of pressure canned vegetables, meat or combination product, such as soup, stew, spaghetti sauce with meat, etc. Include index card with recipe and instructions for cooking or using the product. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Canned

products must have the ring on the jar top to protect the seal. **Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.**

- One package of a combination food frozen entree in freezer container. The combination food should contain 3 food groups from MyPlate. Exhibit should include an index card with recipe and instructions for reheating. Display in disposable containers. No containers will be returned. Label with name of product, quantity, and date frozen.
- A jar of cooked jam or a reduced-sugar fruit spread. Include recipe card. Label with name of product, quantity, and date made. **Note: Only food preservation products made using USDA approved recipes and techniques are acceptable.**
- One container of a thaw and eat frozen prepared appetizer. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- One container of a thaw and eat frozen prepared dessert. Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.
- An educational poster, notebook or display about a food or nutrition topic of choice that is age/grade appropriate.
- Any other similar preserved item.

Forestry

****The Gibson County Master Gardeners will sponsor special awards for this project. Awards will be given to the top winners in each division/level in these projects. If there are no entries in the division/level, no awards will be given. Awards will be a \$10 gift certificate.**

Description: This project teaches youth natural resources and forestry related skills.

State Fair Entries: 3 per county; one per level

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any forestry topic of choice that is age/grade appropriate, prepare a herbarium collection that contains at least 25 native Indiana forest leaves, or prepare a

herbarium collection that contains at least 25 native Indiana forest shrubs. Youth can also design and complete an independent study activity.

Herbarium Collections - Collect 25 terminal twigs and at least two leaves, if space allows (only one compound leaf is required), from native forest trees. Mount the specimens on 11 ½" x 16 ½" paper. One leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. Cover each specimen. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists when collecting and identifying specimens. The herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. Youth may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Garden

****The Gibson County Master Gardeners will sponsor special awards for this project. Awards will be given to one recipient in each top-level winner. The Award will be a \$10 gift certificate.**

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

State Fair Entries: Vegetable exhibits entered at state fair will be donated to local food banks and homeless shelters after being judged and not displayed.

1 collection determined by judge

1 single vegetable entries if member received a blue ribbon at county fair

1 herb entries if member received a blue ribbon at county fair

1 educational exhibit entry per county.

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

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

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

Exhibit Class Guidelines: All vegetable and herb exhibits must include common name, & variety.

Level A (grades 3-4) Choose one or more options outlined.

Level B (grades 5-6) Choose one or more options outlined.

Level C (grades 7-9) Choose one or more options outlined.

Level D (grades 10-12) Choose one or more options outlined.

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-plates provided.

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

Potato	Potatoes, any color, 3
Pumpkin	Pumpkin, (other), 1
Pumpkin	Table, Canning, or Ornamental, 1
Radishes	Radishes, 5
Rhubarb	Rhubarb, 3 stalks bundled
Rutabaga	Rutabaga, 3
Spinach	Spinach, 10 bundled leaves
Squash	Banana, or other large winter squash type, 1
Squash	Buttercups, Turbans, 1
Squash	Butternut, 1
Squash	Cushaw, 1
Squash	Hubbards – blue, green or golden, 1
Squash	Scallops/Patty Pans, 1
Squash	Straight or crookneck – i.e. summer squash, 1
Squash	Acorn, 1
Squash	Zucchini or cocozelle, 1
Sweet Potato	Sweet potatoes, 3
Tomatillos	Tomatillos, 3
Turnips	Turnips, 3
Watermelon	Watermelon, 1

Any other Vegetable Any vegetable not listed above, include 103 specimens

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

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

Potato Tray Option: Display from the list below approximately 30 potatoes you have grown and cared for in a 12 ½" x18" tray. A tray will be provided.

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

Tomato Plate Option: Display from the list tomatoes you have grown, plate provided

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.

Suggested 4-H Garden Exhibits

What do you exhibit? Check the county 4-H Handbook/Fair Book that your particular 4-H Council suggests for the garden exhibit requirements, because your requirements could differ from these guidelines for the State Fair.

Note: Each of the single-vegetable exhibits contains one type of vegetable and is judged as one class. Example: All tomatoes together, all onions together, and so on.

A collection consists of a group of different vegetables judged as one exhibit. Example: A collection of three might have one plate of tomatoes, one plate of potatoes, and one plate of green beans; a collection of four has four different vegetables; and a collection of five has five different vegetables.

See Table 1, *Standards for Preparing 4-H Vegetable Garden Exhibits*, on pages 3-7, or check your county 4-H Handbook/Fair Book for the number of vegetables required per plate. Read Table 1 carefully to make sure you display the correct number of specimens and properly prepare them for display. For herb exhibits, see Table 2, *Standards for Preparing 4-H Herb Exhibits* on page 8.

Now plan your exhibit and do your best!

Produce exhibit (all levels)

Options

- Single plate of vegetables you grew (maximum of five different exhibits).
- Collection of three plates, four plates, or five plates of different vegetables you grew.
- A pot (8-inch maximum) of an herb you grew (maximum of three exhibits).
- Any combination of A, B, or C.

Special activities (judged separately)

Any member may complete the exhibit options below, but members in Levels C and D of the garden project should exhibit one of the following activities in addition to their produce exhibit.

Produce options

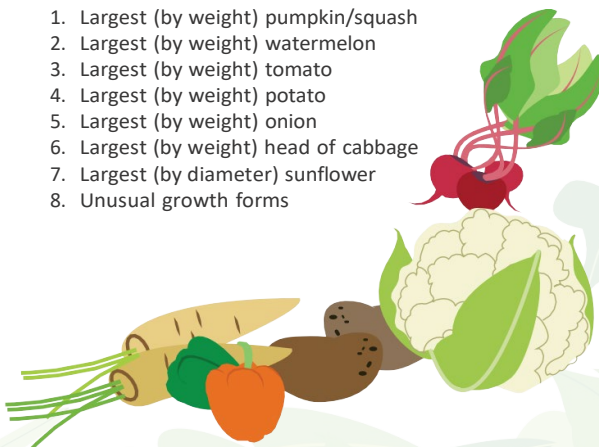
- Exhibit four plates containing two cultivars of two different kinds of vegetables from your garden. For example: Display tomato *Rutgers* and tomato *Roma* on two plates, and spinach *Melody* and spinach *America* on two plates. Label the cultivars you exhibit with the common, Latin, and cultivar names.
- Exhibit and label one unusual vegetable you grew in your garden this year. This vegetable may or may not be discussed in the 4-H garden manuals but should not be listed in the table on the following pages. Examples: spaghetti squash or head lettuce.

Poster options

- Five commonly found diseases in vegetable gardens, the damage each causes, and the control options for each.
- Five commonly found vegetable garden insects: beneficial (good guys) and/or injurious (bad guys), the benefits of or damage caused by each, and the related management practices—how to keep the beneficial and control the injurious insects.
- A maximum of 10 pests—diseases, insects, weeds, and/or rodents—you found in your garden this year, the damage they caused, the control measures you used, and your results.
- Explain a computer garden program or mobile application.
- A picture story of what you did in your garden this year. Example: how you planned, planted, and maintained your garden.
- Show your financial record.
- Pictures showing your experiences in hydroponics.
- Explain various career options that involve working with vegetables and herbs.
- Explain types of pollinators and their importance in vegetable and fruit production.
- Show the different types of plant parts that humans consume. Identify the fruit or vegetable and categorize it by root, stem, leaf, or flower.
- Different storage methods for vegetables.
- How to create a raised bed or container vegetable garden.
- Discuss how the herbs listed on page 8 of this publication are used and have been used throughout history. Include both culinary and medicinal uses as well as other unique uses, if any.

Just for fun, or additional county options (Varies by county)

- Largest (by weight) pumpkin/squash
- Largest (by weight) watermelon
- Largest (by weight) tomato
- Largest (by weight) potato
- Largest (by weight) onion
- Largest (by weight) head of cabbage
- Largest (by diameter) sunflower
- Unusual growth forms



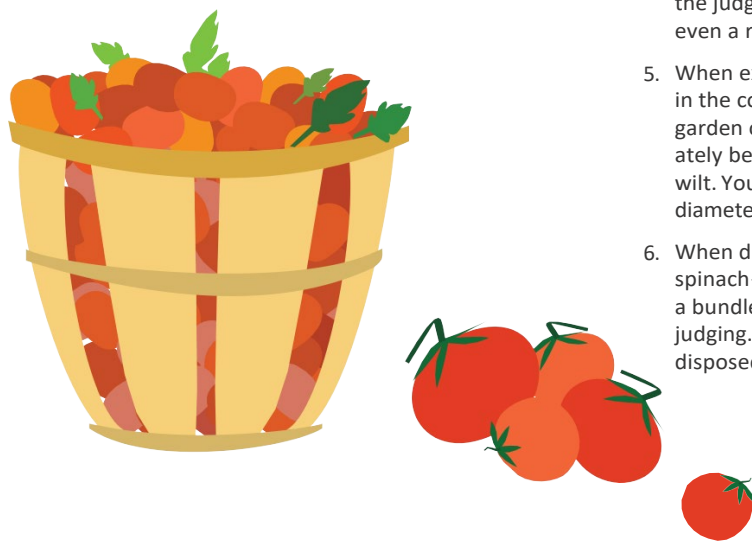
Suggestions for preparing 4-H vegetable garden exhibits

If you choose to display your produce at the county fair, you must have produced all of it in your 4-H project. County fair handbooks and the State Fair Handbook (available at www.in.gov/statefair/fair) for 4-H garden classes give helpful suggestions for exhibiting 4-H garden vegetables. Here are some additional ones.

1. For county fair 4-H garden exhibits, read the rules in your own county 4-H handbook very carefully. Entering too many or too few specimens per plate compared to what your handbook calls for causes the judge to lower your placing. Be sure to read the rules, and follow them.
2. Some “dos” and “don’ts” for exhibiting vegetables (based on common errors noted in judging 4-H garden exhibits at county fairs) include:

Do

- Exhibit exactly the required number of specimens per plate and number of plates per exhibit (see 1, above).
- Label exhibits as required. Your exhibit should include both the common and Latin name.
- Harvest onions two to three weeks before exhibiting. This makes it easier to display clean, attractive specimens. Unpeeled onions are judged more favorably than onions that have been peeled.
- Prevent damage to the skin of vegetables by harsh washing or brushing. If vegetables are dirty—particularly carrots, beets, onions, potatoes, and sweet potatoes—wash them carefully in lukewarm water with a soft cloth or sponge without rubbing. For caked-on dirt, allow vegetables to soak until the dirt can be wiped off. After washing, rinse them in cold water and place on paper towels to dry. For other vegetables, gently wipe off dirt with a soft, moist cloth and allow to dry.
- Keep three to four wrapper leaves on cabbage. A little insect damage on wrapper leaves is okay.



Don't

- Exhibit large fruits of pickling cultivars of cucumbers as slicing cucumbers, or exhibit very small fruits of slicing cultivars as pickling cucumbers.
 - Cut windows in sweet corn. Instead, determine maturity and freedom from worms by “feeling” the ends of sweet corn and by taking samples for home use the day prior to selecting sweet corn for exhibit.
 - Apply mineral oil or wax to vegetables.
 - Exhibit sunburned vegetables. Slight yellowing of the shoulders of red tomatoes and whitish streaks on green peppers often are due to slight sunburning.
3. Vegetables in a collection exhibit must be of different species (kinds). Cherry tomatoes and large tomatoes are only one species (kind) of a vegetable. Slicing cucumbers and pickling cucumbers are also one species (kind) of vegetable, as are different cultivars (kinds) of peppers. Therefore, if you want to display cherry tomatoes, you must select another vegetable other than tomato for the other plates in your collection exhibit. Placing is lower if two vegetables of the same species are included in the same collection exhibit.

A lot of confusion exists in exhibiting summer squash, pumpkins, and winter squash. Pay close attention to what you grow and what species it is. Note that there are four species of *Cucurbita* vegetables included in Table 1: *Cucurbita pepo*, *Cucurbita maxima*, *Cucurbita moschata*, and *Cucurbita argyros-perma*. Collection exhibits can include members from the different species, but not from within a species. For example, if you include a pumpkin (*C. pepo*) in your collection, you cannot include an acorn squash (*C. pepo*); you could, however, combine a pumpkin and butternut squash (*C. moschata*).
 4. The overall appearance of vegetables is very important. They must first be fresh, crisp (not wilted), free of any mechanical injuries such as cracks, cuts, or bruises, and free of any damage from insects and diseases. Uniformity is just as important. For example, the closer 10 pods of beans are to the same length and diameter, the better. Exhibits lacking uniformity can be seen at a glance, and the judge might automatically rule out giving a blue or even a red ribbon.
 5. When exhibiting herb plants, be sure to grow the plants in the container to be displayed. Plants dug from the garden or transplanted from another container immediately before exhibiting are likely to be in shock and may wilt. Your container should be no larger than 8 inches in diameter.
 6. When displaying leaf vegetables—chard, collards, kale, spinach—cut the stems long enough to secure them in a bundle with string or a rubber band. Lay on a plate for judging. Leaf crops likely won't last long and need to be disposed of soon after judging.

Vegetable	Latin name	Number of specimens per plate ¹	Size and/or weight specifications	Notes on appearance and maturity characteristics
Asparagus	<i>Asparagus officinalis</i>	5 spears bundled together	Stems approximately 6-8" long and 1/4" to 3/8" in diameter at widest point.	Color is appropriate to cultivar and uniform throughout. Tips should be firm and compact. Not overly mature or "woody." Should snap crisply when bent. You may display cut spears in a shatter-resistant container of water.
Beans (cowpea, black-eyed pea, southern pea, etc.)	<i>Vigna unguiculata</i> subsp. <i>unguiculata</i>	10 pods or 1/2 cup shelled	In pod: pods 1/4" to 1/3" in diameter.	For pod display, select pods uniform in color for variety; should be uniform in size. Shelled cowpeas should be clear of debris and displayed on a plate.
Beans (snap, green, or wax)	<i>Phaseolus vulgaris</i>	10 pods	Pods 1/4" to 1/3" in diameter, 4-1/2" to 8" long.	Uniform, brittle, firm, free of strings; seeds not distinct in pods.
Beans (navy, kidney shell-out, etc.)	<i>Phaseolus vulgaris</i>	1/2 cup shelled	Select tender, plump seeds	Uniform in color by cultivar. Display of uniform size on plate or in shatter-resistant container.
Beans (lima, large or small)	<i>Phaseolus lunatus</i>	10 pods or 1/2 cup shelled	For shelled display select only green, tender, plump seeds of uniform size. Whitish seed indicates overmaturity.	For pod display, select green, firm pods containing at least 3 seeds. Cultivars other than green judged accordingly.
Beets (round, flat, and long types)	<i>Beta vulgaris</i>	3	3/4" to 2-1/4" in diameter.	Firm, not fibrous. Top to 1/2". Trim side roots but not taproot.
Broccoli	<i>Brassica oleracea</i> var. <i>italica</i>	1 head	Minimum head diameter 3".	All buds in head should be firm and tightly closed.
Broccoli raab	<i>Brassica ruvo</i>	3 heads	Stem length varies by cultivar; should be thin, no more than 1/2".	All buds in head should be firm and tightly closed.
Brussels sprouts	<i>Brassica oleracea</i> var. <i>gemmifera</i>	5 heads	Snap cleanly off of stalk, heads should be up to 1" diameter.	Heads should be solid, dense, crisp, and heavy for size. Leave 3-4 wrapper leaves.
Cabbage note: If a powder form of insecticide was used on your cabbage, thoroughly wash and rinse your cabbage deep down inside the leaves to remove any accumulated insecticide. Leave 3-4 wrapper leaves. Minor insect damage is tolerable only on wrapper leaves.				
Cabbage (round, flat, and pointed)	<i>Brassica oleracea</i> var. <i>capitata</i>	1 head	Heads to 2 to 5 lbs., round types; 1 to 4 lbs., pointed types; 5 to 12 lbs., flat types.	Heads should be solid, dense, crisp, and green or red in color and must be free of insect damage.
Cabbage (Chinese type – Bok choy or pak choi)	<i>Brassica rapa</i> var. <i>Chinensis</i>	1 head	Appearance similar to celery, petioles and leaves should be 8" to 18" long.	Heads should be compact, dense, crisp, green or white in color, and free of insect damage. Remove soil that may have accumulated at petiole base.
Cabbage (Chinese type – napa cabbage)	<i>Brassica rapa</i> var. <i>pekinensis</i>	1 head	Heads oblong or cylindrical shaped, 8" to 18" long.	Heads should be compact, tightly wrapped, dense, crisp, green or white in color, and free of insect damage.

¹For county fairs, exhibit exactly the amount or number of specimens given in the county 4-H handbook.

Vegetable	Latin name	Number of specimens per plate ¹	Size and/or weight specifications	Notes on appearance and maturity characteristics
Carrots (all cultivars)	<i>Daucus carota</i>	3	Size of specimen should be representative of cultivar. Carrots can range from 2" to 7" long.	Bring mature specimens with color appropriate to cultivar (orange, purple, red, white, or yellow); avoid greening on carrot shoulder Top to 1/2". Remove side roots.
Cauliflower	<i>Brassica oleracea</i> <i>var. botrytis</i>	1 head	Minimum head diameter 5".	Curds tight, white, not discolored. Cut back leaves to 1" above top of head (trim it as it is in stores).
Celery	<i>Apium graveolens</i> <i>var. dulce</i>	1 bunch	Minimum of 12" total length.	Green color, free from disease and insect damage.
Chard	<i>Beta vulgaris</i>	10 leaves tied in bundle	Small in size, generally not longer than 8".	Crisp, crinkled leaves. Color varies by cultivar. Free of insect damage.
Collards	<i>Brassica oleracea</i> <i>var. acephala</i>	10 stems tied in bundle	Leaves on stems 8"-12" long.	Dark green, smooth to wrinkled leaves. Free of insect damage.
Corn (sweet – yellow, white, or bicolor)	<i>Zea mays</i>	3 ears	Minimum cob (part covered with kernels) length 6".	Kernels should be plump and milky; ears well filled. Do not trim silks or remove wrapper husks or make windows. Remove shank from the ear.
Cucumbers (slicing, with seeds)	<i>Cucumis sativus</i>	3	Maximum diameter 2-1/2"; minimum length 6".	Medium to dark green; no yellow showing. Free from injury, sunburn, or disease/insect damage.
Cucumbers (English, hothouse)	<i>Cucumis sativus</i>	1	Length varies by cultivar, generally 12" in length or more.	Firm and crisp; uniform green color throughout. Free of skinning and soft spots.
Cucumbers (pickling, dill)	<i>Cucumis sativus</i>	3	7/8" to 1-1/4" diameter; length 2-3/4" to 4".	Firm, crisp, medium green to dark green. Free from injury, sunburn, or disease/insect damage.
Eggplant	<i>Solanum melongena</i> L. <i>var. esculentum</i>	1	3-1/2" to 5" diameter for round types; 2" to 4" diameter and 4" to 10" long for long types.	Must be uniformly colored, firm and dense. Cut stem to 1/2" to 1".
Kale	<i>Brassica oleracea</i>	10 stems tied in bundle	Size varies by cultivar; avoid older leaves.	Leaves and stems are crisp and free of insect damage. Color is appropriate to cultivar, generally red/purple or green.
Kohlrabi	<i>Brassica oleracea</i> <i>var. gongylodes</i>	3	1-1/2" to 3" in diameter.	Crisp, not woody. Cut leaf stems back to 1/2" above enlarged stem and remove root.
Muskmelon (cantaloupe)	<i>Cucumis melo</i> L.	1	2 to 8 lbs.	Full-slip means melon can be completely separated easily from stem. Well-netted, free of cracks.
Okra	<i>Hibiscus esculentus</i>	3 pods	Pods 2" to 6" long, 1" diameter.	Green, crisp, tender, not woody.
Onions (white, yellow, red)	<i>Allium cepa</i>	3	1-1/2" to 4" diameter.	Outer scales dry; bulb firm, free from sunburn. Allow leaves to dry; top to 1/2" of stem.

Vegetable	Latin name	Number of specimens per plate ¹	Size and/or weight specifications	Notes on appearance and maturity characteristics
Onions (green)	<i>Allium cepa</i>	5 onions in a bunch	1/2" to 3/4" in diameter.	Straight, white stem and dark green leaves. Trim tops to 4"-5" above white, roots to 1/2".
Parsnips	<i>Pastinaca sativa</i>	3	Crown diameter 1-1/2" to 2", length 8" to 12".	Roots should be firm and crisp, not woody. Top to 1/2".
Peas (edible pod such as snow peas)	<i>Pisum sativum</i>	10 pods	Pods range in size, 3-1/2"-5" long, about 1/2" wide.	Flat pods with seed just beginning to form, bright green color, clean with stems on.
Peas (unshelled)	<i>Pisum sativum</i>	10 pods	Pods range in size, 3-1/2" to 5" long, about 1/2" wide.	Bright green, well-filled pods with seeds in eating stage, clean with stems on.
For all peppers, clip the stems to within 1/2" of the top of the pepper.				
Peppers (bell type)	<i>Capsicum annuum L.</i>	3	3" to 5" diameter; 3-1/2" to 5" length.	Green, firm thick walls; smooth, not wrinkled.
Peppers (chili type)	<i>Capsicum annuum L.</i>	3	Small types 1/2" to 3/4" diameter; 1" to 2-1/2" length.	Small hot peppers; thick walls; smooth. Mature color green or red.
Peppers (Serrano type)	<i>Capsicum annuum L.</i>	3	1/2" to 1" diameter; 2" to 2-1/2" length.	Upright and conical shaped; slim. Mature color red.
Peppers (banana /long/wax/ Hungarian types)	<i>Capsicum annuum L.</i>	3	1" to 1-1/2" diameter; 3" to 7" length.	Yellow to orange-red. Firm; waxy; tapered and conical. Hot to sweet.
Peppers (Pimiento type)	<i>Capsicum annuum L.</i>	3	2" to 3-1/2" diameter; 2-1/2" to 4-1/2" length.	Heart or "top" shaped. Mature color red. Firm and smooth.
Peppers (Cayenne type)	<i>Capsicum annuum L.</i>	3	1/2" to 1" diameter; 4" to 7" length.	Thin and tapered; smooth; straight to curved. Mature color red.
Peppers (Jalapeno type)	<i>Capsicum annuum L.</i>	3	1" to 1-1/2" diameter; 2-1/2" to 3-1/2" length.	Dark green color. Firm; tapered blunt point.
Peppers (cherry type)	<i>Capsicum annuum L.</i>	3	1-1/2" to 2" diameter; 1-1/2" to 2-1/2" length.	Round, globe-shaped. Mature color red or yellow. Hot to sweet.
Peppers (New Mexican/long green/Anaheim types)	<i>Capsicum annuum L.</i>	3	1" to 2-1/2" diameter; 5-1/2" to 8" length.	Green; medium to thick walls; flattened or conical; long and smooth.
Peppers (Ancho types)	<i>Capsicum annuum L.</i>	3	2" to 2-1/2" diameter; 3" to 4" length.	Indented shoulders. Mature color red.
Peppers (Tabasco type)	<i>Capsicum annuum L.</i>	3	1/4" to 1/2" diameter; 1" to 1-1/4" length.	Slim; bullet-shaped. Mature color red.
Peppers (Habanera type)	<i>Capsicum chinense</i>	3	3/4" to 1" diameter; 1-1/2" to 2" length.	Small; firm; round with thin walls. Mature color orange/red.
Potatoes (any color)	<i>Solanum tuberosum</i>	3	2-1/4" to 4" diameter; Weight 5-10 ozs.	Firm and well-shaped, free from peeling skin and greening.

Vegetable	Latin name	Number of specimens per plate ¹	Size and/or weight specifications	Notes on appearance and maturity characteristics
Pumpkin (table, canning, ornamental)	<i>Cucurbita pepo</i>	1	Medium to large type. 12" to 15" diameter; weight 11 to 25 lbs.	Skin hard, smooth, and deep orange color when mature. Stem length should be 1" to 4".
Pumpkin (other)	<i>Cucurbita pepo</i>	1	Any other.	Orange, yellow, white, or multi-colored. Stem length should be 1" to 4".
Radish	<i>Raphanus sativus</i>	5	Diameter 1" to 1-1/2".	Red, firm, globe shaped, not fibrous. Top to 1/2". Trim side roots but not taproot.
Rhubarb	<i>Rheum rhabarbarum</i>	3 stalks bundled	Up to 1" in diameter; 10-12" long; remove leaves.	Crisp stems; avoid overmature, woody stalks; clean and free of soil.
Rutabaga	<i>Brassica napobrassica</i>	3	Diameter 4" to 6".	Firm, smooth; side roots clipped but not taproot. Cream yellow or tan color.
Spinach	<i>Spinacia oleracea</i>	10 leaves bundled	Leaves generally 4" to 6" long; leaves can be flat or wrinkled.	Display bundle in shatter-resistant container with water. Stems should be uniform length.
Squash (banana or other large winter squash type)	<i>Cucurbita maxima</i>	1	Diameter 6" and up; 12 lbs. or more.	Medium thick, yellow-orange, orange, or pink flesh, hard rind.
Squash (hubbards—blue green or golden)	<i>Cucurbita maxima</i>	1	Diameter 8" to 10", length 12" to 16"; 10 to 15 lbs.	Skin usually warty, hard, and tough when mature
Squash (buttercups or turbans)	<i>Cucurbita maxima</i>	1	Diameter 6" to 8"; 2-1/2 to 5 lbs.	Blossom end marked with prominent button. Skin hard when mature. Stem length 1" to 4".
Squash (butternut)	<i>Cucurbita moschata</i>	1	Length 9" to 12"; 3 to 4 lbs.	Dark buff-colored skin with hard shell when mature.
Squash (cushaws)	<i>Cucurbita argyrosperma</i>	1	12 to 15 lbs.; diameter 9" to 10" at blossom end; 20" long.	Striped white and green, hard and smooth skin. Stem length 1" to 4".
Squash (scallops/ "Patty Pan")	<i>Cucurbita pepo</i>	1	Diameter 3" to 5".	Exhibit while skin is still very tender; color green, white, or yellow.
Squash (straight or crookneck - i.e., summer squash)	<i>Cucurbita pepo</i>	1	Diameter 1-1/2" to 2-1/2", length 5" to 7".	Exhibit while skin is still very tender; color green, white, or yellow.
Squash (acorn)	<i>Cucurbita pepo</i>	1	Diameter 3-1/2" to 6"; length 3-1/2" to 7-1/2"; 1 to 2 lbs.	Skin dark, glossy green, and sharply ridged when mature. Orange ground color also denotes maturity. Stem length 1" to 4".
Squash (zucchini or cocozelle)	<i>Cucurbita pepo</i>	1	Zucchini types diameter 1 1/2" to 2"; length 5" to 8". Cocozelle types diameter 2" to 2-1/2", length 7" to 9".	Exhibit while skin is still very tender (very young); delicate green, green, grey, black, to gold skin, and stripes of these colors.

Vegetable	Latin name	Number of specimens per plate ¹	Size and/or weight specifications	Notes on appearance and maturity characteristics
Sweet potato	<i>Ipomoea batatas</i>	3	1-3/4" to 3-1/4" diameter; 3" to 9" length; 6 to 18 ozs.	Roots should have deep orange flesh with smooth, thin, copper-colored skin.
Tomatillos	<i>Physalis philadelphica</i>	3	Globe-shaped fruit 2" in diameter and up to 3-4 ozs.	Remove outer husk. Color should be uniform; varies by variety, can range from green to yellow or purple.
Tomatoes (red for canning)	<i>Lycopersicon esculentum</i>	3	4 to 12 ozs.	Firm, smooth, free of cracks, 90% deep red color. Stems off.
Tomatoes (red for market)	<i>Lycopersicon esculentum</i>	3	4 to 12 ozs.	Firm, smooth, free of cracks, 60-90% of surface showing red color. Stems off.
Tomatoes (pink or purple)	<i>Lycopersicon esculentum</i>	3	6 to 12 ozs.	Firm, smooth, free of cracks, 60-90% surface showing mature color. Stems off.
Tomatoes (yellow or orange)	<i>Lycopersicon esculentum</i>	3	5 to 10 ozs.	Firm, smooth, free of cracks, 60-90% surface colored yellow or orange. Stems off.
Tomatoes (small, cherry, pear)	<i>Lycopersicon esculentum</i>	10	Any size, uniform.	Firm, smooth, free of cracks, 90% or fully colored red or yellow. Stems off.
Tomatoes (intermediate type)	<i>Lycopersicon esculentum</i>	10	Any size, uniform.	Firm, smooth, free of cracks, 90% or fully colored red or yellow. Stems off.
Tomatoes (Roma or paste type)	<i>Lycopersicon esculentum</i>	3	2-1/2 to 4 ozs.	Firm, smooth, free of cracks, at least 90% deep red color; not puffy. Stems off.
Turnips	<i>Brassica rapa var. rapifera</i>	3	Diameter 2" to 3".	Firm, smooth, side roots clipped but not taproot. Flesh white or yellow. Trim tops to 1/2".
Watermelon	<i>Citrullus lanatus</i>	1	5 to 30 lbs.	Select only if sample melons are found to be ripe. Cut stem to 1/2".

Follow these guidelines when displaying herbs:
minimum of three

- 8 inches is the maximum container diameter for the state fair.
- dead leaves.
- Label the pot with the herb's common and Latin names.

- Herbs should be in your care for a months for state fair exhibits.
- The soil should be clear of debris such as

Also remove all dead leaves from the plant.

Type of herb	Latin name of herb	Size and plant specifications	Special comments on appearances and maturity characteristics
Basil (all edible types)	<i>Ocimum basilicum</i>	6" to 9" tall for dwarf types; 12" to 28" tall, all others.	Not yet in bloom. Color and size should be characteristic of cultivar.
Catnip	<i>Napeta cataria</i>	Up to 3" tall.	White to pale pink flowers.
Chamomile (all edible types)	<i>Chamaemelum nobile</i>	Height: 2-1/2" to 4" for perennial types; 12" to 24", annual types.	Compact, dense plant. Flowers white or yellow.
Chives	<i>Allium schoenoprasum</i>	6" to 12".	Not in bloom. Note: Garlic chives are a different species.
Coriander (cilantro)	<i>Coriandrum sativum</i>	Up to 24" tall.	Bushy plant, deep green leaves. White flowers.
Dill	<i>Anethum graveolens</i>	18" to 36" tall.	Feathery green leaves. Because of spindly growth habit, may need support.
French tarragon	<i>Artemisia dracunculus</i>	Height when mature is 24"-36".	Stems are somewhat woody; plant grows in a clump, semi-erect nature. Perennial herb that spreads by rhizomes.
Lavender (all edible types)	<i>Lavandula sp.</i>	Height 18" to 36".	Bushy plants; should be blooming. Color and size should be characteristic of cultivar.
Mint	<i>Mentha sp.</i>	Height 6" to 30".	Upright plant. Color and size should be characteristic of cultivar. Flowers pink to purple in color.
Oregano	<i>Origanum vulgare</i>	16" to 18" tall.	Dark green leaves. Can have tiny pink flowers.
Parsley (all edible types)	<i>Petroselinum crispum</i>	Height 12" to 24".	Leaves can be either flat or curled. Should not be flowering.
Rosemary	<i>Rosemarinus officinalis</i>	Height up to 36".	Bushy perennial shrub. Dark green leaves. Flowers white, pink, blue in spring.
Sage (all edible types)	<i>Salvia officinalis</i>	Height 18" to 24".	Bushy perennial. Size and color should be typical of cultivar.
Sweet marjoram	<i>Origanum majorana</i>	Height 12" to 16".	Compact plant. Tiny white flowers.
Thyme (all edible types)	<i>Thymus sp.</i>	Height 1" to 12".	Dwarf, compact plants. Creeping varieties can form dense mats. Many types have pink, purple, or white flowers.

Genealogy

****The Gibson County Health Department will sponsor special awards \$10 gift certificate for this project. Awards will be given to the top winner in each level of this project. This project will need to be submitted to the Purdue Extension Office about three weeks prior to the fair for judging. Information will be sent regarding the exact deadline for submitting these projects.**

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

State Fair Entries: 5 entries per county; one per division.

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

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

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

- Book #1 – Appropriate size notebook or binder, contains introduction sheet, pedigree charts and family group sheets
- Book #2 – Appropriate size notebook or binder, contains additional information worksheets and diary of work
- Book #3 – Appropriate size notebook or binder, contains supporting documents, pictures, etc.
- Book #4 – Appropriate size notebook or binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)

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

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

Notebooks should be tabbed and in the following order:

Book #1 - Introductory Page; Pedigree Charts; Family Group Sheets

Book #2 - Additional Information Worksheets; Diary of Your Work

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

Book #4 – Advanced Division Options (label each tab separately with the specific option)

Diary of Your Work (this will be a second diary describing work done for each advanced division option) Pedigree Charts, Family Group Sheets, Additional Information Worksheets, and Diary Sheets are to be placed in the notebook back-to-back in sheet protectors to save space, reduce the information being damaged, and reduce the number of sheet protectors required.

So the notebook exhibit can be displayed to the public and to minimize the potential of

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

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

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

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

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

Suggested Genealogy Supply List:

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

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

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

#2 lead pencil with soft eraser Black ink pen

Yellow highlighter

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

Fine point permanent Black marker

Acid free and non-glare sheet protectors Acid free paper

Acid free glue stick

Acid free satin Scotch tape Scissors

Correction tape

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

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

Exhibit Class Guidelines:

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

Division 1 (1st year in project suggested)

1. Exhibit notebook that includes the following:

- Book #1

An Introduction page with a recent photograph of yourself.

Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the**

pedigree charts listed at the www.extension.purdue.edu/4-H, 4-H 748Pc-W or 4-H 748Pbw-W or the commercial software forms, but not the old "packet" pedigree charts.

A Family Group Sheet for your parents and each pair of grandparents. Sources of information MUST be filled in on family group sheets (see section "Recording the Information").

- Book #2 (Ancestors 1-7 information)

Four (4) "Additional Information Worksheets": one (1) for you, the 4-H member

one (1) for your parents

one (1) for each set of grandparents (total = two worksheets)

- A diary of your work
- Book #3 (Ancestors 1-7 information)

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

Division 2 (2nd year in project suggested)

- Exhibit notebook that includes the following:
 - Book #1

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

A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide 4-H 748).

- Book #2 (Ancestors 8-15 information)

An additional information worksheet for each set of great grandparents.

- A diary of your work
- Book #3 (Ancestors 8-15 information)

Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.

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

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

Division 3 (3rd year in project suggested)

- Exhibit notebook that includes the following:
 - Book #1

Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN.

You must use the pedigree charts listed at www.extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw-W, or the commercial software forms, but not the old "packet" pedigree charts

Additional Family Group Sheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748.).

- Book #2 (Ancestors 16-31 information)
- Additional information worksheets

- A diary of your work
- Book #3 (Ancestors 16-31 information)

Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the future, or about life goals you hope to attain.

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

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

Division 4 (4th year in project suggested)

- Exhibit a notebook(s) that includes the following:
 - Book #1

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

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

- Book #2 (Ancestors 32-63 information)
 - Additional information worksheets
 - A diary of your work
- Book #3 (Ancestors 32-63 information)
 - A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.

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

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

Advanced (5th year and above in project suggested)

- Exhibit notebook that includes the following:
 - Book #1

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

Your family group sheet for generations seven and eight.

- Sources of information filled in on family group sheets (see section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).
- Book #2 (Ancestors 64-255 information)
 - Additional Information worksheets
 - Diary of your work
- Book #3 (Ancestors 64-255 information)

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

- Book #4

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

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

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

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

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

J. Family DNA history. (This can be a very expensive option) Please include charts and explanations.

i.e. use pie charts, ethnicity estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

K. Any other genealogy related activity of choice.

Geology

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

State Fair Entries: 3 per county; one per level

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

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

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

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

Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to mount your specimens securely. Subject matter experts suggest the following methods: soaking ½ cotton ball in Elmer's glue, hot glue, or clear tub sealant. Place the cotton ball in your box and put your rock (or fossil or mineral) on the cotton ball and let sit. It will take 1-2 weeks for Elmer's glue to fully harden. Specimens mounted with Elmer's glue can be removed by soaking the cotton ball in water. Glue remaining on the rock may be brushed off with an old, damp toothbrush.

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

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 8-16 minerals and/or fossils.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any geology topic of choice that is age/grade appropriate, or collection of 15-25 minerals and/or fossils and/or jewel stones. Youth can also design and complete an independent study activity.

Gift Wrapping

NO STATE FAIR EXHIBIT

General rules for each level:

- Exhibit may not be larger than 24" in any direction.
- Do not put a gift in the wrapped package.
- Gift bags must be weighted for support.
- **Each entry should have an attached card that contains the following information: Theme, Occasion for the gift, and Gender and age of recipient** - Example: Sweet Sixteen, Birthday Party, Female, 16-years-old

Level I - Grades 3, 4, & 5

Complete and exhibit one of the following:

1. Wrap one square or rectangle box using any type of paper (i.e. commercial wrapping paper, newspaper, brown paper bag, etc.) and attach a bow (purchased or self-made). Enhancements are optional.
2. Exhibit a ready-made gift bag using tissue for filling and a bow (purchased or self-made).

Level II - Grades 6, 7, & 8

Complete and exhibit one of the following:

1. Wrap one square or rectangle box using paper that you have created/decorated (i.e. stickers, stamping, painting, decoupage, etc.). Include a self-made bow of a single material. Enhancements are optional.
2. Decorate a gift bag (i.e. stickers, stamping, painting, decoupage, etc.). Use tissue as filler and include a self-made bow of a single material. Enhancements are optional.
3. Wrap an odd shaped box (any shape except square or rectangle) using any pre-printed paper (i.e. commercial wrapping paper, newspaper, brown paper bag, etc.). Include a self-made bow of a single material. Enhancements are optional.
4. Wrap one box using any type paper, covering the box and lid separately. Include a self-made bow of a single material. Enhancements are options. Judge must be able to open the box.

Level III - Grades 9, 10, 11, & 12

Complete and exhibit one of the following:

1. Wrap an odd shaped box or object (any shape other than square or rectangle) using non-traditional materials (i.e. fabric, natural materials, recycled materials, metallic materials, cellophane, etc.). Include a self-made bow of two or more materials. Enhancements are optional.
2. Wrap a multi-tiered gift using any shape boxes in any type of paper or material. Include a self-made bow of two or more materials. Enhancements are optional.

Goat

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY 15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

1. All animals must be identified and enrolled by May 15.
2. Goats will be shown in three types: Dairy, Pygmy and Meat type. Does will show by age. Wethers will show by weight.
3. **NO BUCKS** will be shown. All goats will be wethered by May 15th.
4. All animals will be clean and clipped.
5. **WETHERS AND MEAT MARKET DOES WILL NEED TO WEIGH-IN ON SUNDAY at Noon. No animals may be stalled before check-in with a goat superintendent. There will be a designated check-in area for goats in the pavilion.**
6. The Superintendent reserves the right to combine or drop classes with insufficient entries.

Meat Type Goats

1. Meat type goats may be shown with a show halter or show chain
2. Meat type goats may be shown with or without horns.
3. Any 4-H member showing a meat type goat (wether) will need to bring his/her goat in for weigh-in on Sunday of the fair at noon.
4. Wethers will be shown by weight classes with a minimum weight of 40 pounds. Classes will be broken into 10 pound increments or as determined by the Superintendent per number of entries. **If an animal is below the minimum weight, there is a sufficient number of light weight wethers, participant may show in a light weight class. Light weight animals are NOT ELIGIBLE for the auction OR Grand or Reserve Grand Champion. Please note, to be eligible to show at the state fair the minimum weight for Wethers is 50 pounds.**
5. Meat goats show will take place a 4 p.m. on Monday prior to the sheep show.
6. All meat goat wethers and market goat does **must** be one year old or younger and still have their milk teeth in place.
7. Any meat goat wether showing evidence of testicular tissue is ineligible for the meat goat show.
8. Any animal shown as a Meat Goat Doe is not eligible to be shown in any Breeding Doe class.
9. Any registered stock will be required to present papers to the superintendent at check-in. Animal tattoos MUST match registration papers.
10. Purebred market does and wethers are not required to have registration papers.
11. For mother, daughter, and herd classes ALL animals to be shown in these classes must be entered into the fair entry system under the exhibitor's name.

Classes for Meat Type Goats are as follows:

Market:

Meat goat classes will be prior to the sheep show

- Wethers will be shown by weight
- Market Goat Does will be shown by weight. **These animals do not go through the auction and may be shown only one year.**
- There will be an AOB (All other Breed) Class. This class is for **registered** goats that are any breed but Boer. Papers are required to prove the animal is a registered breed.
- There will be a Gibson County Born and Bred class for stock from Gibson County.
- An Overall Grand Champion Meat Goat will be selected to participate in the Sale of Champions.

Breeding Division:

- Jr. Doe Kid – born between April 1 and May 15, current year
- Int. Doe Kid – born between March 1 to March 31, current year
- Sr. Doe Kid – born January 1 to February 28, current year
- Yearling Doe – born January 1 to February 28, current year
- Two Year Old Doe – at least 2 years and under 3 years
- Three to Four Year Old – at least 3 years and under 4 years
- Aged Doe – 5 years old and over
- Mother and Daughter – any age
- Herd – 4 goats any age – herd must have one doe
- Champion and Reserve Champion will be selected in each class.
- Grand Champion Wether and Grand Champion Doe will be selected.

Dairy Doe Classes:

Dairy goats with horns, will not be allowed to show. All animals, purebred, recorded and grade will be shown together. Class of Dairy Goats are as follows:

- Jr. Doe Kid: Apr. 1, 2024 to May 15, 2024
- Intermediate Doe Kid: March 1, 2024 to March 31, 2024
- Senior Doe Kid: Jan. 1, 2024 to Feb. 28, 2024
- Dry Yearling: Jan. 1, 2023 to Dec. 31, 2023, previous year, never freshened
- Milking Yearling: One year but under two years.
- Two year old doe: Two years but under three years.
- Three and Four Year Old Does :Three years but under five years.
- Aged Doe: Five years and over.
- Dry Milking Doe: Doe, previously freshened, but currently dry.
- Mother/Daughter: Any Age, must be daughter of the other. Mother in Milk.
- Herd: 4 does any age - same herd - at least one must be dry.
- A Champion and Reserve Champion will be selected in each class
- A Grand Champion and Reserve Grand Champion Dry Dairy Doe will be selected over all dry classes.
- A Grand Champion and Reserve Grand Champion Dairy Doe will be selected over all milking classes.

Dairy Wethers:

Dairy wethers will be shown by weight with the minimum weight being 25 lbs. (15 lbs. for Nigerian Dwarfs).

Number of classes will depend on the number of animals exhibited. The superintendent has the ability to drop or combine classes as they deem necessary. If class numbers are low, dairy wethers may show with meat goats at the superintendent's discretion.

Champion and Reserve Champion will be selected over the wether classes.

Dairy Wethers will be allowed in the Livestock auction if they meet the minimum auction weight of 40 lbs. and must be weighed in as stated in the General Requirements for all Goats.

Pygmy Goat Doe Classes:

Pygmy goats may be shown with or without horns. All animals will be clean, clipped as deemed necessary. Pygmys are judged as pets. Classes for Pygmy goats will be:

- Jr. Doe Kid: 4 weeks but less than 3 months (April 7, 2024 to May 15, 2024).
- Int. Doe Kid: 3 months but less than 6 months (April 6, 2024-January 6, 2024)
- Senior Doe: 6 months old but less than 12 months (Jan. 5, 2024 to July 8, 2023)
- One-Two Year Old Doe: One year old but less than three.
- Senior Doe: Three years and older.
- Mother/Daughter: Any age.
- Herd: 4 goats any age - Same herd.
- Champion and Reserve Champions will be selected in each class
- Grand Champion and Reserve Grand Champion will be selected

Pygmy Wether Classes:

- Junior Wether: one year of age or younger
- Senior Wether: Over one year of age.
- Champion and Reserve Champion will be selected over the wether classes.
 - Champion and Reserve will be selected in each class.
 - Grand Champion and Reserve will be selected.

Showmanship classes will be offered in the following divisions:

Clover: Grades 3-5 **Junior:** Grades 6-8 **Senior:** Grades 9-12

Participants may win multiple years in the same division.

Health

The Gibson County Health Department will sponsor \$10 gift certificate special awards for this project. Awards will be given to the top winner in each level of this project.

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

State Fair Entries: 3 exhibits per county; one per level.

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create a family first aid kit, emergency kit, an emergency kit to take on a hiking, biking, skiing or similar trip, or another similar kit.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another

option is to create a personal nutrition kit to use when doing physical activity like chores, working out at the gym, hiking, biking, skiing, or another similar kit.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any health topic of choice that is age/grade appropriate. Another option is to create an activity or guide to help yourself or others become more aware of financial wellness, mental health, disease prevention, or other similar topic that promotes healthy habits. Youth can also design and complete an independent study activity.

Home Environment

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

State Fair Entries: 6 per county; two per level.

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Choose one of the following options:

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

Intermediate (grades 6-8) Choose one of the following options:

- Furniture Item and Notebook – refinish or repurpose a piece or set of furniture, storage unit, or display a collection of 3-5 similar home accessory items, or similar activity.
- Design Board and Notebook – create a line drawing for a room in your home showing furniture layout, accessory items and fixtures or similar activity.
- Portfolio – display a sample of three different types of wall treatment with explanation of each, three different floor treatments with explanation of each, an energy plan for your home, or similar activity.

Advanced (grades 9-12) Choose one of the following options:

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

- Design Board and Notebook – display a floor plan for any room of your house or the whole house or apartment, or similar activity.
- Portfolio –display a sample of three different lighting or window treatments with an explanation of each, interview an interior designer and prepare a report, a home energy saving proposal plan, or similar activity.

Exhibit Categories:

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

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

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

Horse and Pony

Refer to Livestock Show Policies, Animal ID Requirements, and Board of Animal Health exhibit requirements to ensure that you have met the project requirements. No animals can be penned or stalled until the superintendent inspects the animal. In addition, all 4-H and mini-4-H members must participate in a mandatory safety workshop to be eligible to exhibit in Horse & Pony at the fair. Enrollment of the Horse or Pony must be completed online. 4-H members must complete a 'Certificate of Completion of Indiana 4-H Requirements for Exhibition of 4-H Horse and Pony' (4-H 1031-W) form for each animal enrolled. The 4-H member should hand-carry this completed form to all 4-H Horse and Pony Events. Failure to meet guidelines on this form, an incomplete form, or outdated vaccinations will result in ineligibility from Indiana 4-H Horse and Pony events.

Safety Policy for ALL 4-H Members: ALL 4-H members are required to wear boots or closed toed shoes and a properly fitted ASTM or SEI standard F1163 (or above) certified equestrian helmet whenever mounted, or driving, at all 4-H horse and pony events, shows, or activities. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness fastened in place whenever mounted. Original tags must be present in all approved helmets. This policy applies to all county, area, and state 4-H horse and pony events, shows, and activities. Adults riding horses are also at risk of head injury; therefore, adults are also strongly encouraged to wear properly fitted, certified helmets when they are riding at any 4-H sponsored activity/event so that they will serve as role models of safe behavior, as well as protect themselves (4-H 661).

You may also complete the Horse & Pony project by completing a poster on any Horse & Pony topic. See page 17 for poster requirements. Posters are due at the fair with all other Exhibit Building projects.

Horse Showing

Mini: Grades K-2 Junior Division: Grades 3-7 Senior Division: Grades 8-12

1. The 4-H Horse and Pony Superintendents have the responsibility to implement the policies and rules set out by the 4-H Inc. Board. Any questions as to the implementation of the policies listed below or any concerns not covered by these policies should be addressed to the 4-H Horse and Pony Superintendent or the 4-H Youth Development Extension Educator.

2. Horses exhibited after May 15th under a different name than the person listed on the Indiana 4-H animal enrollment form shall not be eligible to be shown. This means that if the animal is exhibited at any show by anyone other than a person listed on the Indiana 4-H animal enrollment form, the animal will not be eligible to be shown in 4-H. This term/condition does not apply to siblings, who may show each other's animals at any show during the year without jeopardizing eligibility, regardless of whether or not the sibling is a 4-H member. 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/leases them (unless other arrangements have been agreed upon by the county 4-H council) from the animal enrollment deadline until the conclusion of the county and/or state fair. **NOTE: This term/condition does not apply to the horse & pony program where a parent MAY also show the horse or pony after it has been enrolled in the 4-H Program.**

3. Leased animals are subject to approval by County Horse and Pony Committee and County Extension Educator. Lease agreements must be signed by both parties and turned in to the county Purdue Extension Office NO LATER THAN MAY 15 with an explanation why the 4-H member is requesting to lease a horse or pony. Absolutely no animal may be added, substituted, or traded after the May 15th deadline.

4. Any animal exhibited must be shown & owned only by the contestant, or owned in partnership with the contestant's father, mother, brother, sister, aunt, uncle, grandparent or legal guardian, with the exception of a leased animal. (See rules for lease agreements.)

5. You may show a maximum of 2 horses at fair. At least 1 horse must be stabled at the horse barn during fair. This does not apply to K-2 members. If there are enough stalls, they may voluntarily stable their animals, if not, they may bring their horse on show days.

6. A family horse may be shown by a sibling if it is co-enrolled. Only one can show the horse in appropriate halter class.

7. 4-H members are expected to prepare their own animal the day of the show. If help is needed *immediate family member* (father, mother, brother, sister, aunt, uncle, grandparents, or legal guardian) may do so. 4-H members exhibiting at the Gibson County Fair also may help one another or receive assistance from Gibson County 4-H parents or Gibson County Horse/Pony Leaders. Any other assistance, such as from professional trainers, will result in that exhibitor being withdrawn from the show.

8. The 4-H Horse and Pony Committee and Supt. reserve the right to change, combine, or drop any class in the event there are not enough entries.

9. All animals must be sound and healthy. Animals are subject to an inspection for health purposes. Any questionable animal may be removed by a veterinarian or project Superintendent.

10. Horses must be stalled at the Fairgrounds by 8:00 A.M. on Monday of the fair.

11. There will be a scheduled check in time, which will be posted (usually Sunday P.M. or Monday A.M.) Members with out of state animals must have Coggins papers in their possession. 4-H members will be asked to submit a list of classes they will exhibit in.

12. Horses will not be released before the listed release time.

13. Stall assignments will be made prior to the fair. The Superintendent has authority to reassign stalls as deemed necessary (Ex: horse fighting)
14. Trailer parking will be assigned. Numbered spots will be posted along with stall assignments prior to the fair. You may park your personal vehicle with the trailer if room permits. Parking is contingent upon Fair Board approval.
15. STALLS MUST BE **CLEANED OUT before animals are released.** The Superintendent or Horse and Pony Leader must verify/approve your stall(s) before animals are released.
16. Exhibitors are responsible for keeping stalls clean and ample water and feed to the animals.
17. The aisle will be kept clean in horse barn. The wash rack is to be cleaned after each use.
18. No stallions are eligible to show, except in the calendar year foaled.
19. The exhibitor must indicate which classes they are interested in by completing their online entries into the Fair Entry system. Once the Fair Entry deadline has passed, exhibitors are not allowed to add classes. Exhibitors may scratch or opt out of classes prior to the show however, additional classes may not be added.
- 20. While at the fair, horses are NOT to be ridden by anyone other than the 4-H member or his/her immediate family.** Persons under the age of 10 are not permitted on a horse unless they are participating in the Horse & Pony Mini 4-H program.
21. Horses are to be ridden in the arena only! No riding horses on the track around the fairgrounds.
22. Horses are to be walked to and from the arena. Riding is not permitted outside the arena other than in the makeup area outside the arena entrance.
23. Exhibitors must show in either a showmanship class (Mini, Junior, or Senior) or a halter class (Mare or Gelding). Exhibitors are encouraged to show in both halter and showmanship.
24. No hitting of animals in front of saddle with bats or hands. **NO ABUSE OF ANIMAL WILL BE TOLERATED!**
25. Each exhibitor is furnished with an assigned exhibitor number. Exhibitor numbers must be attached to the exhibitors back during each event. The exhibitor number must be always visible to the judge. Exhibitors with hair covering and/or obstructing the view of their number may be penalized (4-H 661).
26. 4-H members must submit a copy of horse vaccination records to Horse and Pony Superintendent/Leader. Failure to comply will result in not being allowed to unload or exhibit at the fair.
27. 4-H member must participate in a minimum of 1 safety clinic with their horse. Failure to comply will result in not being allowed to exhibit at the fair.
28. Impolite behavior, poor sportsmanship or disruptive actions will be addressed by the superintendents and the extension educator and handled accordingly. This rule applies for all 4-H related events.
29. No overnight stays are allowed.
30. An award will be given during the week for the **Stall Decorating Contest**. No painting or marking on the wood. No stapling is allowed. Stall dimensions are 10x10.
31. Notice of workdays will be sent out to all Horse and Pony leaders and exhibitors by the Purdue Extension Office. Each exhibitor will be responsible for preparing the stalls assigned to him/her.
32. No other animals other than 4-H horses and ponies, and service animals will be allowed in the horse barn.
33. There will be no electrical cords extended from the horse barn to trailers.
- 34. NO SMOKING by anyone in the barn.** If you see someone smoking, please ask them to put it out or to leave the barn.

35. There will be no running or nonsense play allowed in the barn.
36. No Champion award will be given in a class where no entry received a blue ribbon.
37. Grand Champion and Reserve Grand Champion will be awarded to the top two geldings and the two mares.
- 38. The judge's decision will be final.**
39. In the gaming events, the classes will be placed according to the fastest times run.
40. Mini 4-H members must always be led by an adult.
41. Noncompliance with any of the above rules may result in 4-H member forfeiting any awards or impact eligibility to participate in the horse and pony show.

Criteria State Fair Entries: Qualification is not required for the ISF 4-H Horse/Pony show.

- All State Fair 4-H Horse and Pony entries are due July 1 on 4-H Online. State Fair registration deadlines can be found in the Horse and Pony section of the State Fair handbook. To avoid late registration fees, state fair applications should be completed by July 1st. Late registrations will be accepted until August 6th with associated fees.
 - It is **STRONGLY RECOMMENDED** that 4-H members have successfully completed the skills in the class they wish to enter at an area or county show. A complete listing of State Fair rules is listed in the State Horse and Pony Handbook. The Purdue Extension Office has a copy of this. There is also a complete listing of rules in the State Fair Premium Book. **ANYONE EXHIBITING AT THE STATE FAIR SHOULD READ THESE RULES THOROUGHLY!** Any situation not covered by these rules will be handled by the Superintendent, Horse Show committee, Purdue Extension Office, and 4-H Inc., if needed.
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Junior Leaders

Project and club is open to members enrolled in 4-H in grades 7 - 12 who are enrolled in at least one other project. Members complete the project by earning points for participating in monthly meetings, service projects, fundraisers, social activities, and other club activities and by submitting a completed Jr. Leader Points Sheet.

Leadership

Description: This project allows the opportunity to learn life skills that are important to be effective leaders of themselves and of groups.

State Fair Entries: No state fair entries.

Exhibit Guidelines: 4-H members exhibiting in the Leadership project will be given a date prior to the fair to turn their book in to the Purdue Extension Office to be judged.

Level 1: Grades 3-5 Complete at least one activity in every unit of the Leadership book.

Level 2: Grades 6-8 Complete at least one activity in every unit of the Leadership book.

Level 3: Grades 7-9 Complete at least one activity in every unit of the Leadership book.

Photography

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

State Fair Entries:

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

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

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

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

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

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

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

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5)

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

Poultry

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY 15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

BLOODTESTING IS ONLY FOR CHICKENS AND WHEN PURCHASING YOUR CHICKENS SAVE YOUR RECEIPTS / CERTIFICATIONS, ETC FOR PROOF THAT THEY HAVE BEEN PURCHASED FROM A NPIP CERTIFIED FLOCK! Chickens must be blood tested prior to the show on the assigned date or proof must be provided prior to the blood testing date that chickens were purchased from an NPIP certified flock. IF YOU SUBMIT THOSE PRIOR TO THE FAIR TO THE EXTENSION OFFICE OR THE POULTRY SUPERINTENDENTS YOUR BIRDS WILL NOT NEED TO BE TESTED!

4-H'ers may have a total of 8 exhibits in any combination (**chickens, turkeys, other birds**).

****PLEASE NOTE:**

- Feeders and waterers will be furnished for the exhibitors' use.
- Because of the cages' design, it will not be necessary and therefore **NOT ALLOWED** for the exhibitor to have any bedding material (wood chips, cardboard, etc.) inside their cage(s).
- If you need help determining poultry breeds, the Extension Office has a guide.

CHICKENS: Chickens will be entered in each of the following:

1. Commercial:

- Meat type - 2 females or 2 males
- Egg type - 2 females
- All purpose - 2 females
- Breeding Pen - 1 male and 2 females the same age
- All commercial poultry pens must include birds of the same gender except the Breeding Pen.

2. Exhibition:

- Standard individual – male or female or both
- Bantam individual – male or female or both

TURKEYS: Turkeys may be shown as hens or toms in either commercial or exhibition. Champion and Reserve Champion will be awarded in each of the two classes.

JUDGING: There will be a Champion and Reserve Champion in each of the following classes: Commercial Meat, Commercial Egg, Commercial All-Purpose, and Turkey. The Grand Champion Poultry exhibit to be sold during the Sale of Champions will be chosen from among these four. No crossbreeds will be judged.

NOTE: Commercial breeding pen, other birds, and Exhibition entries are not included in the selection for the auction entries.

EGG JUDGING: ½ dozen, judged on uniformity of size and color. These are to be brought in the day of the show. Must be home grown. A Champion will be awarded from all entries.

WATERFOWL: Waterfowl will be entered as follows:

- Male bird, any age
- Female bird, any age

OTHER BIRDS: Pigeons, doves, guineas and game birds will be entered as follows:

- Male bird, any age
- Female bird, any age

OTHER BIRD JUDGING: Champion and Reserve Champion will be chosen for the entire, overall, other bird category.

Rabbits

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY 15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal.

You may also complete the Rabbits project by completing a poster on any Rabbits topic. See this handbook for poster requirements. Posters are due at fair with other Exhibit Building projects.

Junior Rabbit	3 to 5 months
Intermediate Rabbit	6 to 8 months
Senior Rabbit	Over 8 months

All rabbits must be healthy and free of disease, lice, and mites. Any exhibit found infested with any of above will be automatically disqualified by the judge or State animal health inspector for exhibition.

1. Rabbits are to be pre-registered by a specified date (TBD) through Fair Entry
2. All rabbits **must be identified by an ear tattoo** in each rabbit's left ear.
3. Each exhibitor may enter up to **6 rabbits** in addition to a meat pen.
4. A member may enter one meat pen. It shall consist of 3 rabbits of the same variety and breed. Rabbits **MUST** not be over 5 lbs. and may or may not be of the same sex.
5. Rabbits must be in possession of the 4-H member and cared for since **May 15**.
6. Pre-junior Class (**less than 3 months**) rabbits are not eligible to compete except in meat pen class.
7. A Grand Champion and Reserve Grand Champion Rabbit will be picked overall.
8. A Champion and Reserve Champion meat pen will be chosen. The Champion Meat Pen and overall Grand Champion rabbit will be sold at the 4-H Livestock Auction.

OTHER RABBIT EXHIBIT OPTIONS

- **Showmanship**
- **Educational Rabbit Poster**
- **Illustrated talk or Action Demonstration**

Robotics Program

Junior Division (grades 3-7):

- Complete training curriculum based on years in project provided at Robotics Club meetings. Complete a public demonstration of a robot (i.e. at the fair, 4-H club meeting, school, etc.).
- Complete a poster based on robotics or programming (i.e. careers, uses, etc.). Poster requirements can be found in this handbook.

Senior Division (grades 8-12):

- Complete adv. training curriculum based on years in project provided at Robotics Club meetings.
- Complete a public demonstration of a robot (i.e. at the fair, 4-H club meeting, school, etc.).
- Complete a poster based on robotics or programming (i.e. careers, uses, etc.). Poster requirements can be in this handbook.

Scrapbooking

Project Completion Requirements:

1. Scrapbooks will be either 8 1/2" x 11" or 12" x 12" in size. (12" x 12" is the most common size and will be easier to work with and to find material for.)
2. Each scrapbook album will have a front and back cover with pages firmly attached between the covers. Each page will be covered with a plastic protector.

3. Each scrapbook will have 10 pages (5 pages front & back, for a total of 10) completed for judging. Completed pages contain photos or memorabilia, documentation, decoration, etc. Incomplete or unfinished pages will not be judged or count toward the required 10 pages.
4. Each scrapbook album will have an official Gibson County 4-H exhibit label with the 4-H member's name, club, and grade. This label will also list (on the back) the ten-page numbers that the 4-H member wishes the judge to review for judging. The page numbers need not be written on the actual album page. Rather, attach a post-it note to each page that you want judged, and number them 1-10. (So that if the judge wants to comment on a specific page, a number reference will be available.) Leave a blank page covered with a page protector at the end of your completed pages. The scorecard will be inserted in this page. You can add to the album each year; just make sure the 10 pages you wish to have judged for the current year are clearly marked.
5. Photos and memorabilia must be included in each scrapbook, but not necessarily on each page. Some pages may contain only photos, while others may contain only memorabilia. Be sure to include a variety in your list of pages to be judged. At least one piece of memorabilia should be included in your pages. Memorabilia should be encased in plastic sleeves if added to a page with photos. If a photo is included on a page with lots of memorabilia, the photos should be encased in a plastic sleeve.
6. Neatness is very important. Exhibit clean pages with clear handwriting. NO COMPUTER CREATED WRITING is allowed. Your handwriting is part of your heritage. Please use it often!
7. Keep in mind the proper placement of photos, etc. in your album. Your scrapbook is telling a story. Use chronology (putting things in order or occurrence) or themes to organize your scrapbook.
8. The photos do not have to have been taken by the participant. Just remember, this is your album and your memories.
9. It is not necessary that the photos be taken within the past year. If you'd like to create an album honoring your grandparents' lives or a special trip you've taken with your family, it is acceptable.

Clover - Grades 3-5

Layout: Simple 2-3 colors of paper, stickers, and die cuts can be used, but are not mandatory.

Cropping: Straight cutting of photos using regular scissors or paper cutter. Decorative scissors can be used on colored paper.

Journaling: Bullet labeling or you may write the information in a full sentence, supplying only the basic information such as who, what, and where. Example: Jessica 10, 1st year of 4-H, Showing her cat, Tiger.

*Keep in mind that the main focus is preservation and not how many stickers or fancy papers you use on your page. Let your pictures and memorabilia be the main focus.

Junior - Grades 6-8

Layout: More creative layouts. Creative borders and lettering can be used. May also include but not required, embellishments (such as ribbons, embossing, rivets, wiring and etc.).

Cropping: Circle, oval, and other shaped templates can be used.

Journaling: Use captions with full sentences. No bulleted information.

Senior - Grades 9-12

Layout: May include a pop-up page, pocket page or kaleidoscope type layout, and embellishments, (such as ribbons, embossing, rivets, wiring and etc.), but not every page has to use these types. Use techniques you have learned in previous divisions. Include a variety of layouts.

Cropping: Silhouette cropping can be used in addition to techniques you have learned in previous division.

Journaling: Use bullets and captions, plus story-telling, writing your thoughts and feelings and telling a complete story or memory on each page. Not every photo has a complete story; please choose the ones deserving of this when you are thinking of your page designs. It is okay to put several photos on a page and just use one of them to tell a story. Label or caption the others on the page. It's easiest to story tell if you pretend like you're writing in your diary or sharing some exciting news with your best friend.

Self-Determined (changes) no state fair exhibit

Creative Writing is now a project of its own and has a state fair exhibit selected.

Construction and Architectural Replica (legos, farm sets, etc are a category under crafts and have a state fair exhibit selected.

This project allows you to make, study, or do something that you otherwise could not do in any of the specific projects offered. **The exhibit cannot be anything that could be exhibited in another project.** It cannot be a live animal of any kind. The exhibit may be a poster (see this handbook for poster requirements), a display limited to a **2 x 2 foot** space or an article you have made.

Exhibit options:

- A welding project
- Science experiment / Science Fair Project
- A creative invention
- A consumer report or project evaluation
- Report and evaluation of a business project - "Entrepreneurship"
- Hobbies or collections
- Display about antique tractor or collector item car project

*****INCLUDE A CARD WITH AN EXPLANATION OF THE PURPOSE AND FUNCTION OF THE EXHIBIT.**

You may have one entry under the Self Determined category.

Sewing, Wearable

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

State Fair Entries: 5 junior exhibits per county; one per grade level
6 senior exhibits per county; one per category

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

Provide a completed sewing skills card, 4-H 925c-W, with the exhibit. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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

Junior Exhibit Class Guidelines:

Grade 3: Create one clothing article to be worn by the 4-H member or another person demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W.

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

Grade 5: Create one clothing article or a simple two piece outfit to be worn by the 4-H member or another person demonstrating at least 3 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 6: Create two garments that can be worn together to be worn by the 4-H member or another person demonstrating at least 4 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grade 7: Create an outfit that can be worn by the 4-H'er or another demonstrating at least 5 skills from Sewing Skill/ Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Senior Exhibit Category 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 prior grades. All senior sewing outfits exhibited in Fashion Revue must be made and worn by the exhibitor.

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

complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

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

Dress Up: This is suitable for special, church, or social occasions that are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit that would be worn to school, weekend, or casual, informal activities.

Free Choice: A complete outfit comprised of garments that do not fit in the other classifications. A complete outfit is defined as a garment or garments that when put together make a complete look - such as one- or two-piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt. Individual garment examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

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

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

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

Sewing, Non-Wearable

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

State Fair Entries: 10 exhibits per county; one per grade level

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

Provide a completed sewing skills card, 4-H 925c-W, with the exhibit. Skills sheets are for judging purposes only and will not be returned to the exhibitor.

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

Exhibit Class Guidelines:

Grade 3: Create one non-wearable sewn item demonstrating at least 2 skills from Sewing Skills and Techniques, 4-H-925-SC-W.

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

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

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

Grade 7: Create one non-wearable sewn item, or set of items, demonstrating at least 5 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades.

Grades 8, 9, 10, 11, 12: Create one non-wearable sewn item, or set of items, demonstrating at least 6 skills from Sewing Skills and Techniques, 4-H-925-SC-W, in addition to those learned in prior grades

Indiana 4-H Sewing Skills and Techniques 4-H-925-SC-W

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate skills to incorporate in a sewing wearable or non-wearable article, garment or outfit for exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering. For example, some youth in a 4th grader might feel comfortable attempting 6th grade level skills, but it is unlikely a 4th grade level exhibitor will be able to successfully master the 10th grade level skills. Exhibited items must demonstrate the minimum skill techniques from their given grade level but may also include higher/lower-level techniques that have been mastered. Any higher/lower-level techniques will not be counted as part of the minimum skills, but nevertheless will be evaluated for quality. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning sewing skills and techniques. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate.

Grade 3 – Demonstrate at least 2 of the following skills:

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

Grade 4 – Demonstrate at least 2 of the following skills:

- Use interfacing
- Staystitch and understitch
- Apply a facing or binding
- Stitch curved seams
- Trim and grade seams
- Work with fiberfill
- Machine topstitch hems

Seam finishes are recommended on all exposed seams.

Grade 5 – Demonstrate at least 3 of the following skills:

- match fabric design
- gather fabric
- insert zipper
- use a drawstring
- hand-stitch a hem
- sew a simple sleeve
- apply purchased trim or ribbons
- sew patch or inseam pockets
- use a simple lining
- do a machine blind hem
- apply machine topstitching
- do a machine topstitched hem
- sew with knit
- insert elastic
- apply facings
- sew buttons
- apply binding
- use batting

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Grade 6 – Demonstrate at least 4 of the following skills:

- make darts
- set in sleeves
- insert a lapped zipper
- hand-stitch a hem
- make buttonholes
- sew tucks or pleats
- sew ruffles
- hand sew buttons
- apply trim
- sew a simple lining
- sew patch pockets
- apply bindings
- do a machine topstitched hem
- sew facings
- apply ribbings
- sew a simple collar
- do a machine blind hem
- sew with knit
- match fabric design
- use fiberfill
- apply machine appliqué
- insert piping
- apply machine topstitching
- construct with a serger
- sew inseam pockets

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Grade 7 – Demonstrate at least 5 of the following skills:

- make darts
- set in sleeves
- sew facing
- apply ribbing
- apply a collar
- sew on buttons
- use doll joints
- apply inseam pockets

- apply front hip pockets
- match fabric design
- apply trims
- apply machine or hand appliqué
- apply machine topstitching
- insert a lapped zipper
- insert an invisible zipper
- insert a separating zipper
- insert a fly front zipper
- do machine quilting
- do a hand-stitched hem
- do a machine topstitched hem
- do a machine blind hem
- attach cuffs
- apply binding
- sew lining
- apply ruffles
- insert piping
- make buttonholes
- use fiberfill
- apply patch pockets
- use a twin needle
- apply tucks/pleats
- construct with a serger
- apply machine embroidery

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

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

- make darts
- make tucks
- add lining
- add facings
- add plackets
- add lapels
- make sleeves
- add gathers
- apply trim
- apply ribbing
- add a drawstring
- use shaped seams
- use fiberfill and/or batting
- add a waistband
- add patch pockets
- add front hip pockets
- match fabric design
- make shoulder pads
- apply machine embroidery
- coordination of fabric for quilted item
- attach cuffs
- make pleats
- insert elastic
- add boning
- apply a collar
- insert piping
- make a neckband
- add vents
- sew buttons
- add underlining
- add ruffles
- sew with knit
- make button loops
- do hand beading
- add inseam pockets
- add welt pockets
- use twin needle
- create bound edges
- hand/machine beading
- make a reversable item
- do machine or hand quilting
- apply machine or hand appliqué
- apply machine topstitching
- insert an invisible zipper
- insert a separating zipper
- insert a fly front zipper
- insert a lapped zipper
- insert a hand picked zipper
- do a machine topstitched hem
- do a machine blind hem
- do a hand-stitched hem
- make self-covered buttons
- use specialty threads
- make self-enclosed seams
- sew with difficult fabric
- construct with a serger
- make machine buttonholes
- make bound buttonholes
- piece quilted item
- other skills not listed above

Seam finishes are recommended on all exposed seams (except knits). Interfacing, under stitching and trimming should be used when appropriate.

Sheep

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY 15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

1. Castrated male lambs and ewe lambs may show in market lamb class.
2. An animal may not be shown in both market and breeding classes.
3. Classes for Purebred and Crossbred are as follows:
 - **Ewe Lamb**
 - **Yearling Ewe**
 - **Bred and Owned**
 - **Single Market Lamb**
 - **Bred and Owned**
4. All market lambs must be slick shorn.
5. A Champion and Reserve Champion will be selected in each breed.
6. Grand Champion and Reserve Grand Champion market lamb and ewe will be selected.
7. Showmanship classes will be offered

Shooting Sports

Description: The 4-H shooting sports project teaches safe operation of firearms and archery equipment. Any firearm built or modified to give the distinct impression of a modern military style firearm such as an AR or AK is not allowed in the 4-H Shooting Sports Program.

State Fair Entries: 3 per county; one per level

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

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

Live ammunition is not allowed to be exhibited (no powder or primer). Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.

An arrow with its arrowhead attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead is removed. Modern broadhead arrows are not allowed to be exhibited.

Displays involving firearms or bows may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines. Handmade items must include information explaining how the item was made and its intended use. Photos are encouraged.

Some counties 4-H programs offer in-person shooting instruction, depending on facilities. Disciplines include archery, rifle, shotgun, muzzleloader and pistol. In-person instruction in any of these disciplines must be led by a 4-H certified instructor. While some counties provide an option to exhibit at the county level, there is no state fair exhibit in these specific disciplines. Contact your county 4-H educator to learn about discipline opportunities in your county.

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be used when developing shooting sports skills.

Advanced (grades 9-12) Create an educational poster, notebook or display about a shooting sports topic of choice that is age/grade appropriate. Another option is to create an item to be

used when developing shooting sports skills. Youth can also design and complete an independent study activity.

Soil and Water Science

Description: The soil and water science project teach youth about soil, water, and environmental stewardship.

State Fair Entries: 3 per county; one per level

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any soil and water topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Sports

State Fair Entries: no state fair exhibit

Exhibit Guidelines: The project will be judged by grades. Projects must be displayed on a poster board during the fair. Projects will be judged on poster exhibition. Judging will consider the amount of research completed, the quality of the project, difficulty of subject material or restoration, and neatness of display.

Level I - Grades 3-5 Create a poster describing a topic related to a sport. Any appropriate sport is a permissible topic. Examples include: soccer, softball, football, baseball, basketball, tennis, etc.) If you have a question regarding a sport or what is permissible contact the extension office or the project superintendent. Topics for posters can be: rules of the sport, famous players in the sport, how to play the sport, etc.

Level II - Grades 6-8 Create a poster describing a topic related to a sport. Any appropriate sport is a permissible topic. Examples include: soccer, softball, football, baseball, basketball, tennis, etc.) If you have a question regarding a sport or what is permissible contact the extension office or the project superintendent. Topics for posters can be: rules of the sport, famous players in the sport, how to play the sport, etc. Topics should be slightly more difficult than level 1.

Level III - Grades 9-12 Create a poster describing a topic related to a sport. Any appropriate sport is a permissible topic. Examples include: soccer, softball, football, baseball, basketball, tennis, etc.) If you have a question regarding a sport or what is permissible contact the extension office or the

project superintendent. Topics for posters can be: rules of the sport, famous players in the sport, how to play the sport, etc. Topics should be slightly more difficult than level 1 & 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. Notebook exhibits be displayed in a standard three ring binder. Choose one of the options listed above, appropriate for your grade in school. Use an appropriate exhibit title. You will be provided a label to place on the lower right-hand corner.

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. The reference 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 manner in which references are listed.

Swine

To exhibit beef cattle, dairy cattle, swine, sheep, goats, poultry and rabbits, 4-H members must be certified through the Quality Assurance Training. Youth must have completed the training (either in person or online) by MAY 15TH in order to exhibit at the fair. If an exhibitor does not complete the training by MAY 15TH they will not be allowed to bring their beef cattle, dairy cattle, swine, sheep, goats, poultry or rabbits, to the fairgrounds and will not be allowed to participate in the respective shows. Refer to Livestock Show Policies and Board of Animal Health exhibit requirements. No animals can be penned or stalled until the superintendent inspects the animal. You may also complete the any animal project by completing a poster on any topic. See poster requirements in this handbook. Posters due at fair with other Exhibit Building projects.

Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animals that are slick clipped or body shaved will not be allowed to exhibit. There must be a minimum of one-half inch of hair on the body of hogs. Hogs with less than one-half inch of hair will not be allowed to show.

1. All animals must meet state health requirements.
2. The order of show will be: breeding gilts, market gilts, and barrows.

4-H BREEDING GILT PROJECT

1. Two gilts may be shown.
2. Purebred gilts will show by breed and age (youngest or oldest). Commercial breeding gilts will show by weight and split into dark and light cross.
3. Gilts may only compete in one class (breeding market).
4. Purebred classes must have at least two entries. Breeds with less than two entries will be shown in an AOB class.
5. Purebred papers are required for breeding gilts. Gilts must be farrowed on or after 11/1.

4-H MARKET GILT PROJECT

1. Two gilts may be shown.
2. All gilts will be shown by breed and weight. Refer to Market Animal Guideline below.
3. Gilts may **NOT** participate in the premium auction.
4. Gilts may only compete in one class (breeding market).
5. Registration papers are required for purebred market gilts. Gilts must be farrowed on or after 11/1.

4-H BARROW PROJECT

1. Two barrows may be shown.
2. All barrows will be shown by breed and weight. Refer to Market Animal Guidelines below.
3. Registration papers are required for purebred barrows. Barrows must be farrowed on or after 11/1.

4. All barrows shown must meet the minimum weight requirement of 220 pounds to be eligible for the 4-H livestock auction. Those hogs under this weight may compete in showmanship. Any hog that does not meet the minimum weight requirement is the responsibility of the exhibitor.

Market Animal Guideline

1. All market gilts/barrows will be shown by breed. Individual classes will be broken down by weight.
2. Breeds to be offered: Berkshire, Chester White, Duroc, Hampshire, Hereford, Landrace, Poland China, Spotted, Tamworth, Yorkshire, and Crossbred. Breeds with fewer than 2 eligible will be shown will be show in an AOB breed class.
3. Exhibitors must have original registration papers at time of check in. All registration papers meeting the national breed eligibility requirements will be accepted. No copies will be accepted. Original registration certificates must be in the name of the 4-H exhibitor who is exhibiting the animal.
4. The Gibson County swine committee reserves the right to evaluate all purebred market gilts and barrows for breed standards. Registration papers are required for purebred gilts and barrows from their respective breed association as well as meet all breed characteristics.

Breed characteristics can be found here:

https://nationalswine.com/events/downloads/docs/nsr_breeds_flyer.pdf

www.nationalswine.com/rulesandregulations

www.cpsswine.com

www.https://americanberkshire.com/wpcontent/uploads/2019/01/Berkshire_Breed_Standards_with_Images.pdf

5. Crossbred gilts and barrows will be shown in two divisions: light crosses and dark crosses. The Light Crossbred and Dark Crossbred champions will show against one another to determine the Champion Crossbred. Champion Crossbred will be in the Grand Drive.

6. Crossbreds will be classified as light or dark at check-in by the Gibson County swine committee. Definition of crosses: *Light Cross* - White, blue, rusty, sandy and gray pigmentation. No market gilts/barrows with black and or red pigmentation (including black or red belted, black and/or red patched or spotted) on any part of the body will be allowed to show in the light crossbred division.

Dark Cross – any black or red pigmentation on any part of the body including spots, belts, or on the head. Any cross not qualifying as a light cross.

Gilts and barrows without purebred papers will show either as a light cross or dark cross.

Each Breed Champion will be eligible to show in the Grand Champion Drive. The Reserve Champion from the breed that the Grand Champion is selected from will enter the Grand Drive to compete for Reserve Grand Champion.

Tractor Safety and Operator Skills

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

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

State Fair Entries:

4 educational exhibits per county; one per level

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

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

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

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

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

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4) Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6) Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9) Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12) Create an educational poster, notebook or display about any manual activity or on any tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option

Junior (grades 3-7) Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12) Youth will demonstrate their operation skills by driving a tractor and wagon or trailer through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Lawn and Garden Tractor Safety and Operator Skills

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

State Fair Entries: 4 educational exhibits per county; one per level

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

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

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

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

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

Exhibit Class Guidelines:

Educational Exhibit Option

Level A (grades 3-4) 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 an educational poster, notebook or display about any manual activity or on any lawn and garden tractor safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can design and complete independent study activity.

Operator Skills Option

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 Contests.

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 Contests.

Zero-Turn Mower Safety and Operator Skills

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

State Fair Entries: 4 educational exhibits per county; one per level

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

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

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

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

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

Exhibit Class Guidelines:**Educational Exhibit Option**

Level A (grades 3-4) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level B (grades 5-6) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level C (grades 7-9) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate.

Level D (grades 10-12) Create an educational poster, notebook or display about any manual activity or on any zero-turn mower safety, maintenance, operating system or operation topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Operator Skills Option

Junior (grades 3-7) Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Senior (grades 8-12) Youth will demonstrate their operation skills by driving a zero-turn mower through an obstacle course as outlined in 4-H 84, Conducting 4-H Operator Safety Contests.

Veterinary Science

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

State Fair Entries: 3 per county; one per level.

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any veterinary science topic of choice that is age/grade appropriate. Youth may also choose to develop a teaching aid, develop a project in conjunction with a veterinarian and present a report about that project and its findings, or another report of your choosing.

Weather and Climate Science

Description: Youth will learn information about weather and climate science.

State Fair Entries: 3 per county; one per level

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any weather and climate topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Wildlife

The Gibson County Master Gardeners will sponsor special awards for this project. Awards will be given to the top winners in each division/level in these projects. Awards be a \$10 gift certificate.

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

State Fair Entries: 3 per county; one per level

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

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

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

Exhibit Class Guidelines:

Beginner (grades 3-5) Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Intermediate (grades 6-8) Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate.

Advanced (grades 9-12) Create an educational poster, notebook or display about any manual activity or on any wildlife topic of choice that is age/grade appropriate. Youth can also design and complete an independent study activity.

Woodworking

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

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

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

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

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

Exhibit Class Guidelines:

Level 1 (grades 3-4) Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the [Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W](#). Exhibits may also include higher level techniques that have been mastered. Any higher-level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 2 (grades 5-6) Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the [Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W](#). Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 3 (grades 7-9) Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the [Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W](#). Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Level 4 (grades 10-12) Exhibit one article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the [Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W](#). Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging. Skills sheets are for judging purposes only and will not be returned to the exhibitor. Youth may also choose to create an educational poster, notebook or display about any manual activity or on any woodworking topic of choice that is age/grade appropriate.

Indiana 4-H Woodworking Tools, Skills and Techniques 4-H 6875C-W 10/2023

Youth and their mentor/volunteer leader/instructor should use this chart as a guide when deciding appropriate tools and skills to use and incorporate in a woodworking exhibit. While this list is a guide, it is not meant to be an all-inclusive list and youth should demonstrate skills they are most comfortable mastering with tools used. For example, some youth in level 2 might feel comfortable attempting level 3 tools/skills, but it is unlikely that a level 1 exhibitor will be able to successfully master the level 4 tools/skills. Youth are encouraged to utilize a number of resources such as web sites, print material, social media, and television shows when learning woodworking skills. Skills learned from these types of resources may be demonstrated provided they are age/grade appropriate.

The "X" indicates suggested level to learn respective skill. Exhibits must include a minimum of 5 techniques from their level indicated in the chart below but may include additional techniques from other levels as deemed appropriate, but nevertheless will be evaluated for quality. For example, Level 3 exhibitors may use any techniques found in Level 1 or Level 2 but the exhibit must include a minimum of 5 Level 3 techniques. Level 4 may use any techniques found in the lower t

SKILL	LEVEL 1 & 2	LEVEL 1 & 2	LEVEL 3	LEVEL 4	
SAFETY (Required of all levels and not counted as a Skill or Technique)					
Ear Protection	X	X	X	X	
Eye Protection	X	X	X	X	
Shop Organization	X	X	X	X	
Machine Guards	X	X	X	X	
LAYOUT					
Ruler	X				
Tape Measure	X				
Square	X				
COMMON TOOLS					
Hammer	X				
Handsaw	X				
Coping Saw	X				
Scroll Saw	X				
Screw Driver	X				
Wood Chisel	X				
Pliers	X				
Hand Plane		X			
POWER TOOLS					
Band Saw	X				
Table Saw		X			
Electric Drill		X			
Radial Arm Saw			X		
Circular Saw			X		
Planner				X	
Lathe				X	
Jointer				X	
Miter Saw				X	
Scroll Saw			X	X	
MATERIAL SELECTION					

Wood	X				
Wood Products	X				
Plywood	X				
Fiberboard	X				
Synthetic Products			X	X	
JOINTS					
Lap Joint	X				
Butt Joints	X				
Basket Joints		X			
Doweled Joints		X			
Mortise and Tenon Joints			X		
Dado Joints			X		
Miter Joint				X	
Dovetail Joints				X	
Box Joints			X	X	
TABLE ROUTING					
Bevels			X		
Dadoing			X		
Rabbeting			X		
Planing				X	
Jointing				X	
FASTENERS					
Screws	X				
Nails	X				
Bolting	X				
Gluing	X				
Pocket Hole Fasteners		X			
Brad Nailer				X	
FINISHING					
Sanding	X				
Penetrating Finish	X				
Painting	X				
Varnishing		X			
Spraying				X	
FREEHAND ROUTING					
Bevels			X		
Dadoing			X		
Rabbeting			X		
Planing				X	
Jointing				X	

three levels but must have a minimum of 5 Level 4 techniques.

4-H Grievance Form

WARNING: You must read and initial this section before proceeding to complete this document.

- _____ 1. I understand and agree that filing a grievance that alleges facts that are not true, or facts that I know are not true, or facts I should know are not true: will be considered a violation of the 4-H behavioral expectations.
- _____ 2. I understand and agree that all statements made herein by me are subject to the pains and penalties of perjury and I hereby affirm that my statements herein are true.
- _____ 3. I understand that perjury is a crime in Indiana.
-

I, the undersigned, allege that the following term(s) have been violated: The facts which support this allegation are set out as follows:

(If needed, additional sheets may be attached.)

I swear or affirm under the penalties of perjury (1)(2) that I have read, understand, and accept the above statements to be true, accurate, and complete.

Date: _____

Signed: _____ Time Submitted: _____

Print your name: _____

Address: _____

Phone number: _____

Oath (3)

