

**CFAES**

OSU Extension Ottawa County

# 2022 Ottawa County



# 4-H Handbook



**THE OHIO STATE UNIVERSITY**  
EXTENSION



# 2022 Ottawa County 4-H Handbook

## Message from the Extension Office

The 4-H handbook has been prepared by the Ottawa County 4-H staff to assist you and your family. Please read it carefully and keep in a safe place. You will need this handbook for the entire 4-H year.

If you have any questions or concerns during the year, please feel free to call our office at 419-898-3631.

We cannot wait to see what 2022 has in store for you as you take part in the many different activities and programs we have planned for you.

Sincerely,

Ottawa County  
OSU Extension Office Staff



## Changes for 2022

Please make sure to look at the requirements closely and be aware of the new dates and requirements.

See the Ohio 4-H Family Guide for the new, revised, and discontinued books on the state level.

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**.

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# 4-H Membership

## Who Can Join 4-H?

All 4-H programs are co-ed in nature and are open to both boys and girls. Participation is open to all youth of appropriate ages, on a non-discriminatory basis.

**Eligibility for 4-H Cloverbud Program** begins when a child is in kindergarten and is at least age 5 as of January 1 of the current year. A child is no longer eligible for Cloverbuds when he or she qualifies for the Project Member Program.

**Eligibility for the 4-H Project Member Program** begins when a child is in third grade and is 8 years old as of January 1 of the current year. Any youth age 9 or above is eligible for project membership, regardless of grade level.

Ohio 4-H membership ends December 31 of the year in which an individual reaches the age of 19 years.

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## Membership Across County Lines

Youth are required to join the 4-H Program in their county of residence or receive approval ahead of time for membership outside of the county of residence.

- The request for Cross County Membership must be made 30 days prior to the county of the request's 4-H Membership enrollment deadline.
- Cross County membership is not permitted when requested for competitive reasons, such as higher livestock sale prices, less competition in classes, etc.
- 4-H membership in two counties simultaneously is not permitted. Youth must choose one county.
- If a member is approved for cross county membership, and the 4-H Program in their county of residence ceases to exist for financial reasons, the youth's membership will end on December 31st of that year.

## Dual Membership 4-H/FFA

Often older 4-H members are also FFA members, sometimes within the same county and sometimes in an adjacent county. Members may not take the same project in both 4-H and FFA. Separate or different projects must be taken in each organization.

Members may find it easier to take completely different projects (such as two different species of livestock). However, members may take livestock projects of the same species if they take a breeding project in one organization and a market project in the other.

	4-H	FFA
Allowable	Market Steer	Market Hog
Allowable	Market Steer	Beef Breeding
Not Allowable	Market Steer	Market Steer

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## 4-H Member in Good Standing

Youth must maintain Good Standing status. Below are the requirements to be considered a member in Good Standing:

- Enter and submit 4-H enrollment into 4HOnline by the enrollment deadline of current year.
- Participate in the appropriate project evaluation. An interview with an advisor will be acceptable for still projects **only** if unable to attend regular judging.
- Do not have an outstanding fee with the Extension Office or 4-H Advisory Committee.
- Exhibit and/or show only in projects in which they are enrolled in the current 4-H year.
- Attend at least half of the club meetings held and be in good standing at the club level. Club and Project Leaders will verify the status of 4-H members in good standing prior to that member entering exhibits or showing at the Fair.
- Any member who does not meet the above requirements or follow the guidelines and rules in this Handbook or the Jr. Fair handbook forfeits their Good Standing status.

If you aren't sure about your status, please check with your Club Leader or the Extension Office.

# 4-H Projects

## Project Books & Resources

Every 4-H project has a designated project book, which includes background information, activities, and instructions for completing your project. These books are designed for the members to write in and complete as they do their project activities.

The only project without books, are the self determined and master projects, which instead have outlines for youth, who then design their own project.

Some projects also require a resource manual, which is designed to be used for as many years as you take the project. These are common for animal projects, but are also available for a few non-animal projects. If your project has a resource manual, it will be noted in the project description.

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## Project Level Description

Each project is assigned a project level. See below for a better understanding of what the levels mean.

**Beginner Level** projects are designed for members of any age who have little to no experience in the project area.

**Intermediate Level** projects are designed for those members who have previous experience in the project area, or have completed the beginner level projects.

**Advanced Level** projects are designed for members who have completed the intermediate level projects and/or have extensive experience in the project area.

**4-H** is more than winning  
ribbons and awards...  
It's about the **PEOPLE**,  
the experiences,  
and the **KIDS** becoming  
tomorrow's **LEADERS**.  
Together we are Making the Best Better!

## Frequently Asked Questions

### **Can I see the project books ahead of time?**

- Yes. Project books can be viewed at the Extension Office during our normal business hours. It often helps to see the books and read through some of the activities. You may also go to [www.projectcentral.ohio4h.org](http://www.projectcentral.ohio4h.org) to view the project books as well and see reviews from other members who have taken that project before!

### **Does a member have to do all of the activities in the project book?**

- Answers for this question vary based on the project. Some projects are designed to be used for a single year and require all activities to be completed. Others are designed for multiple years and require only 1/2 or 1/3 of the activities to be completed each year. This information will be included in the front section of each project book.

### **Can I change a project if I decide I don't like it or it's too hard?**

- Members may make changes to their projects through **May 1st** of each year. After May 1st, if a member still wishes to change a project they will not be eligible for awards, state fair participation, or able to exhibit livestock at the fair (if the livestock project was changed).

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## Multi-Year Projects

Some project books are designed to be used for more than one year. The first section of each book will note if the project is designed for multiple years. These projects may have 12-15 activities instead of the normal 6-8. Members need to read the instructions at the front of each project book to see how they should decide which activities to do each year.

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## Livestock Record Books

Members taking livestock projects must complete a record book for **EACH PROJECT YEAR**. These books must be turned in at the county fair. At this time, there are no electronic options for 4-H project books.

# Project Judging



Project Judging gives members an opportunity to visit with a judge about their project experience. This interview style judging is designed to be a positive experience which teaches youth valuable interview skills, and provides a closure for the project. Judging also serves as a way for youth to be rewarded for their project work through letter grades, placings, state fair participation opportunities, and other project awards.

## Pre-Fair Judging

All non-livestock projects are evaluated at Pre-Fair Judging in July. Food and Nutrition and Clothing and Dog projects are judged on July 11 and all other still projects are judged on July 12 at the Ottawa County Fairgrounds. Look for the Summer Newsletter for more information on judging times.

## Make Up Judging

If a member cannot attend the regular pre-fair judging, they can schedule an appointment for the Advanced Judging or can be judged by the club advisor.

- Advanced Judging will take place at the Extension Office on **June 10 and July 1**. (You must make a reservation for this option) Members who choose this option are eligible for county/state awards.
- Advisor Judging will take place anytime until September 1st. Members who choose this option are not eligible for county/state awards.

## Group Projects

Group projects may be taken by two (2) or more members. This allows the members to work on the activities together. The members must decide whether to be judged as a group or be judged individually. Taking projects as a group is non-competitive. Contact the Extension office for more information on group projects.

## Attire

Members are asked to dress in school appropriate clothing. Dresses or dress pants, nice jeans and longer shorts are acceptable, paired with nice shirts, blouses, or club polos.

Tank Tops, t-shirts, ripped clothing and flip-flops are *not acceptable*.

## State Fair

Members are selected by judges, at the judges' discretion, for state fair by member participation at the county pre-fair judging. Criteria is different for each project area and not all projects are eligible for the state fair regardless of the number of entries. Check the project requirements for further information.

# Club Organization & Volunteers

## Club Requirements

To remain in good standing, clubs must meet the following expectations each year:

- Complete club enrollment packet by April 1st.
- Have at least 5 members from at least 3 different families enrolled by April 1st.
- Plan and hold a minimum of 6 meetings or activities between February 1st and December 31st.
- Elect an officer team of at least a president, secretary, and treasurer.
- 4-H members carrying riding horse projects must belong to a specialized club. 4-H members with horse projects may take unrelated projects.
- Complete at least 2 educational events each year (ex. Project work sessions, guest speakers, tours, demonstrations).
- The following are the requirements for club treasuries:
  - Each Club will be required to turn in to the office by January 31st the Ohio 4-H Annual Financial Summary complete with signatures and audit information. This is a university requirement.
  - If a club does not adhere to the treasury policy, their club charter will be suspended.
  - NOTE: Each year the OSU Extension Office will file the IRS filings for all clubs.

**PLEASE NOTE:** If a deadline falls on a weekend, the deadline will be the Monday immediately following that weekend. If a deadline falls on a day that the office is closed, the deadline will be at the close of the next business day.

## Individual Club Rules

Clubs are required to adopt a constitution which is provided as a template by Ohio 4-H.

Clubs may also adopt individual rules by creating ByLaws to attach to their constitution, provided those rules are not in conflict with state guidelines.

Some examples of rules adopted by individual clubs are:

- Club dues policies
- Maximum number of members
- Types of projects permitted & competition policies
- Attendance policies (see below)

Clubs are not permitted to vote on accepting or not accepting particular members into their club. This is a clear violation of Ohio and National 4-H Council policy.

*Club By Laws (rules) should be provided to every member every year.*

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## New Clubs

New clubs may be formed prior to **March 1** each year. Clubs must meet the following requirements, in this order:

- At least 2 adult volunteers must complete volunteer screening, selection, and training.
- Begin the county 4-H Charter process and repeat annually.
- Obtain an EIN number from the IRS (with the assistance of the OSU Extension Office).

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## Volunteers

Volunteers are a vital piece to the success of our overall program. The following are guidelines for individuals to become a volunteer in Ottawa County:

- Individual must be 18 years of age or older. Potential volunteers must file the volunteer application, submit to and pass a fingerprint background check, sign a Standards of Behavior form, and return the forms to the Extension Office. The potential volunteer will cover the fingerprinting expense. Once the application has been filed, the Extension Educator, 4-H Youth Development, must interview the potential volunteer, a reference check must be conducted, and volunteer accepted into the program.
- New volunteers must attend 4-H Volunteer Orientation. Volunteers must follow volunteer guidelines listed above prior to establishing a 4-H Club.
- Cloverbud Advisors must also follow the Potential Volunteer Guidelines (#1 and #2).
- New volunteers must start the application process by February 1st.

# Fair Resources

## Special Rules for Livestock Projects

**Livestock Quality Assurance** - Every member taking livestock (not horses) must attend a county-wide quality assurance training, unless they have previously tested out of their age bracket. There are four options for completing quality assurance training: **(Which must be completed by May 1<sup>st</sup>)**

1. Attend one of the trainings offered in Ottawa County
2. Attend a qualified QA training in another Ohio county
3. Attend a qualified QA training at an Ohio 4-H approved event (Poultry Clinic, Beef Expo, etc).
4. Testing Out (*Members age 15 and older may test out by taking the state quality assurance test and scoring at least 70%*)

**Project Book Requirement** - Members must submit a completed record book for each project animal being exhibited at the fair. Books are due Saturday, July 17 and turned in at Skillathon.

**Junior Fair Livestock Entries** - Jr. Fair entries (along with entry fees) need to be completed through Blue Ribbon online entry program. Instructions are located on our website and in the Jr. Fair Handbook, along with a link to the entry site. This is a requirement for all animals being exhibited at the fair and are due by noon on June 1st. If not completed by June 1<sup>st</sup>, a \$50.00 penalty fee per youth will be added. After June 8th, no late entries will be accepted and livestock will not be permitted to exhibit at the Ottawa County Fair.

**Specific Project Requirements** - Most livestock projects have additional requirements such as possession dates, tagging/identification, weight limits, age, breeds, etc. These requirements can be found in the project descriptions in the Jr. Fair Handbook. Please note that underweight and overweight animals are handled differently for each species.

**Drug Use Notification Form (DUNF)** - DUNF are required for all market animals (not needed for breeding stock). This an electronic form and proof of submission will be required when moving animals into the fair.

**County Fair Requirements** - Each livestock committee has “barn rules” in place at the county fair. Please refer to the Jr. Fair Handbook for these details.

**Skillathon**—Members will be required to participate in skillathon for each species they exhibit, unless they have tested out of the age division.

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58<sup>th</sup> Annual Ottawa  
County Fair

July 18-24, 2022



For more information please  
contact:

**OSU Extension  
Office**

Office: 419-898-3631  
240 W. Lake St Unit C  
Oak Harbor, OH 43449

# Grading System

## Pre-Fair & Miscellaneous Projects

Listed below you will find the grading system for pre-fair and miscellaneous projects. We hope this will allow more opportunities to give exhibitors extra recognition when they need encouragement and hope they would try again.

**Superior (Dark Purple Ribbon):** Exhibitor who went above and beyond the project requirements. They had superior knowledge of project and developed an extensive exhibit.

**Outstanding (Light Purple Ribbon):** Exhibitor who met all project requirements. They had basic knowledge of subject matter and a nice exhibit.

**Good (Green Ribbon):** Exhibitor who only met some project requirements. They need more project knowledge and more extensive exhibit.

**Needs Improvement (Light Green Ribbon):** Exhibitor did not meet project requirements.

**When selecting overall winners, the judges will start with the Superior ratings then move onto Outstanding members.**



## Skill-a-Thon Grading

The exhibitors score will be given the day of skill-a-thon judging. A score of superior, outstanding, good, or needs improvement will be given. A test out score is superior. Age groups 10 & under, 11-13, 14 & over. For the following ages, even if you test out, you have to take skill-a-thon again: 11 & 14.

# Ottawa County 4-H Activities

There are many county 4-H activities that can add to the fun, learning, and excitement of your 4-H experiences. Of course, your local 4-H club and your project work are your most important responsibilities in 4-H. Hopefully, you can become involved with one or more of the following 4-H activities, along with your local 4-H club activities and project work.

## Youth Camping Program

### **4-H Junior Camp**

- Camp is held for youth in grades 3-7 as of January 1 of the current year. Camp is held at the Erie County 4-H Camp on Kelley's Island. Campers participate in crafts, swimming, recreation, campfires, conservation, nutrition, sports, inspiration, and singing. Camp scholarships are available. See calendar for date.

### **4-H Cloverbud Camp**

- Camp is held for youth in grades K-2 as of January 1 of the current year. Campers participate in crafts, recreation, nutrition, and camp activities. See calendar for date.

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## Volunteer Opportunities

- State 4-H Volunteer workshops and Recognition
- Buckeye Leadership Worship (also available to older youth)
- Periodic Volunteer Trainings
- 4-H Advisory Committee
- Horse Advisory Committee
- Camp Staff
- Cultivate the Clover of Ottawa County

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***Check the quarterly  
4-H Family News-  
letter for up-to-date  
activities and  
opportunities!***

## Older Youth Opportunities

### **Junior Leadership Club**

- 4-H members between the ages of 13 and 18 have the opportunity to join this leadership club. Members of this club will:
  - Develop leadership skills
  - Improve the community through service projects
  - Teach skills and develop attitudes that will better prepare them for the responsibilities as productive citizens
  - Provide an opportunity for new acquaintances and friendships
  - Provide training and experience in worthwhile social, civic, and recreational activities

### **4-H Camp Counselors**

- Be a counselor for Cloverbud or Junior Camp
- Must attend all training sessions and meet minimum age requirements

### **4-H Awareness Team**

- Will travel to county schools to present a program to 3rd graders

### **4-H Advisory Committee**

- Will make recommendations regarding the direction of the county 4-H program.
- Must attend monthly meetings

### **Horse Advisory Committee**

- Will make educational recommendations regarding the 4-H Horse Program.
- Must attend scheduled meetings.

### **Carteens**

- Partnership with the Ottawa County Juvenile Court to present traffic program to first-time traffic offenders.
- Gas cards and scholarship are provided as incentive for the teen instructors.

## 2022 Ottawa County 4-H Achievement Award Application will be Online at:



**<https://go.osu.edu/ottcoachievementaward>**

*You MUST complete the award form online.. This is only a checklist for your reference.*

You must complete at least one from each section. Here is a chart totaling how many you must complete based on your age.

4-H Member Age	# Required
9-10	10
11-13	15
14-16	17
17-19	19

### 4-H Club/County Activities:

- Led the 4-H or the American Pledge
- Participated in Ottawa County 4-H Camp as a camper
- Completed 4 or more projects this year
- Led a game at a club meeting
- Took a project to the Ohio State Fair for judging
- Participated in a State Skill-a-Thon
- Participated in a State Workshop/Clinic
- Attended Livestock Quality Assurance
- Completed Horse EquiStep
- Participated in a 4-H SPIN Club
- Participated in a club fundraiser and/or paid club dues
- Displayed a project in by club's booth display at the fair
- Participated in a PAS 4-H Horse Show
- Submitted an Ohio 4-H Achievement Form
- Showed Livestock/Horse at the County Fair
- Attended Junior Fair Board Convention
- Applied and Interviewed for Fair Royalty
- Competed in the Junior Fair Amazing Race
- Competed in the Junior Fair Fishing Derby
- Competed in the Junior Fair Hog Calling Contest
- Competed in the Junior Fair Bakers' Round Up
- I didn't miss more than three regular scheduled meetings

### Leadership

- Club Officer
- Club Committee Member (fundraising, community service, etc.)
- Member of the Ottawa County Junior Leadership Team
- I was an Ottawa County Camp Counselor
- Ottawa County 4-H CARTEENS facilitator
- Ottawa County Junior Fair Board Member
- Participated as part of the Ottawa County 4-H Awareness Team
- Served as a member of the 4-H Advisory Committee
- Served as a member of the Ottawa County Horse Advisory Committee
- Helped or led a club Cloverbud activity
- Ohio 4-H TLC Member
- Ohio 4-H State Fashion Board
- Ohio State Junior Fair Board
- Attended the Ohio 4-H YouthConference
- Submitted a 4-H College Scholarship Application

### Public Speaking

- Gave 1 club demonstration
- Led a club activity
- Presented one or more 4-H projects at county project evaluations
- Announced awards or animal show at the Ottawa County Fair
- Presented an officer's report during a club meeting

### Community Service

- Participated in 1 community service activity with your 4-H club
- Participated in an additional community (non 4-H) service activity
- Helped organize donations for my club for the Cultivate the Clover of Ottawa County Dinner and Auction Event
- Worked at the Ottawa County 4-H Ice Cream Booth



## 2022 Ottawa County 4-H Cloverbud Achievement Award Application will be Online at:

<https://go.osu.edu/ottcocloverachieveaward>

*You MUST complete the award form online.. This is only a checklist for your reference.*

### Group 1 All items required. Please check that you completed these items

- I did not miss more than three regularly scheduled 4-H meetings
- I know the 4-H Pledge, Motto, and Colors
- I helped with my club's community service activity

### Club 4-H Activities Must complete at least three activities to be eligible for award.

- Talked to club members about a Cloverbud Activity I completed
- Helped with club's 4-H awareness program
- Participated in club fundraiser and/or paid dues
- Assisted with set up/clean up for a Cloverbud activity
- Participated in a club field trip or virtual activity
- I gave a demonstration or presentation at a 4-H meeting
- I helped my club set up a fair booth or educational display

### County 4-H Activities Must complete at least four activities to be eligible for award.

- Participated in the Cloverbud Show-N-Tell at the Fair
- Attended county recognition/award program
- Participated in a county wide fundraiser (please specify below)
- I had a Cloverbud project on exhibit at the Ottawa County Fair
- I participated in on or more (non 4-H) school or community activities (please list below)
- I attended Cloverbud Camp
- Participated in the Baker's Round Up at the Ottawa County Fair
- Participated in the Hog Calling Contest at the Ottawa County Fair
- Participated in the Kids Fishing Derby at the Ottawa County Fair
- Participated in the Amazing Race at the Ottawa County Fair



# Cultivate the Clover of Ottawa County

The Ottawa County 4-H Cultivate the Clover Dinner & Auction will be held November 5, 2022 at the Ottawa County Fairgrounds from 5-9 pm.

A silent auction, live auction and various games will take place along with a catered dinner.

*We welcome your participation in the Cultivate the Clover Dinner & Auction through your attendance, donations of items, and any assistance you can provide to help further the growth of the 4-H program. Refer to 4-H calendar for date and newsletter for more information!*

**This fundraiser will be held to raise funds for YOUR 4-H Program. Please plan to attend and give back to Ottawa County 4-H!**

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## Ottawa County 4-H Endowment Fund

A fund has been established for providing financial aid to Ottawa County 4-H members to participate in leadership activities at local, state, and national levels. Gifts, contributions, and bequests are gladly accepted and are a permanent donation to the 4-H youth in Ottawa County. Donations may be made as memorials or gifts to the Ottawa County 4-H Endowment Fund, 240 W. Lake Street, Oak Harbor, OH, 43449.



**THE OHIO STATE UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

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# 2022 Important Dates (check with social media for up to date information)

## **January**

3—Junior Leadership 6:30pm  
10—Horse Advisory 6:30pm  
17—Holiday Office Closed  
17—Junior Fair Board 7:00pm  
18—4-H Committee 6:30pm  
22—Advisor Training 9-noon - Fairgrounds  
24—Extension Advisory 5:30pm

## **February**

7—Junior Leadership 6:30pm  
10—Volunteer 1.50 Training 6-8:30pm  
12—Horse Volunteer Training 9am-noon  
15—4-H Committee 6:30pm  
21—Counselor Training 9am-3pm  
21— Junior Fair Board 7:00pm

## **March**

7—Junior Leadership 6:30pm  
14—Counselor Training 6pm-8pm  
14—Horse Advisory 6:30pm  
15—4-H Committee 6:30pm  
19—Quality Assurance 10am-noon  
21—Junior Fair Board 7:00pm  
23—Carteens 6-8:30pm  
28—Counselor Training 6pm-8pm

## **April**

1—4-H & FFA Online Enrollment Deadline  
4—Junior Leadership 6:30pm  
5—Quality Assurance 5:30pm-6:30pm  
11—Counselor Training 6pm-8pm  
11—Horse Advisory 6:30pm  
18—Junior Fair Board with Superintendents 7:00pm  
19—4-H Committee 6:30pm  
21—Counselor Training 6pm-8pm  
25—Extension Advisory 5:30pm  
27—Quality Assurance 5:30pm-6:30pm

## **May**

2—4-H Add/Drop Project Deadline  
2—Possession Date for turkeys, chickens, non-market rabbits, & beef breeding animals  
2—Horse ID Forms due  
2—Junior Leadership 6:30pm  
5—Counselor Training 6pm-8pm  
7—Beef Feeder Tagging 9-11am  
9—Horse Advisory 6:30pm  
16—Junior Fair Board 7:00pm  
17—4-H Committee 6:30pm  
23—Counselor Training 6pm-8pm  
25—Carteens 6-8:30pm  
30—Holiday Office Closed

## **June**

1—Fair Online Registration Deadline at noon  
1— Swine ID Forms due  
1—Possession date for market rabbits  
3—Counselor Training 5pm-8pm  
6—Junior Leadership 6:30pm  
7– 8— Cloverbud Camp  
10—Advanced Pre-Fair Judging 9a-4pm  
13—Horse Advisory 6:30pm  
14—4-H Committee 6:30pm  
20—Junior Fair Board 7:00pm  
20-24 Jr. Camp

## **July**

1—Advanced Pre-Fair Judging 9am-4pm  
4—Holiday Office Closed  
11 & 12—Pre-Fair Judging  
11—Carcass Drop Off  
13—Carcass Judging  
12—Junior Fair Board 7:00pm  
15—Horse Skill-a-thon 6-8pm  
16—Livestock Skill-a-thon 8am-noon  
17—Junior Fair Board 7:00pm  
18-24—Ottawa County Fair

## **August**

1-7 Ohio State Fair  
1— Junior Leadership 6:30pm  
8—Horse Advisory 6:30pm  
15—Junior Fair Board 7:00pm  
16—4-H Committee 6:30pm  
29—Extension Advisory 5:30pm

## **September**

5—Holiday Office Closed  
12—Junior Leadership 6:30pm  
18—Fall Celebration TBD  
19—Junior Fair Board 7:00pm  
20—4-H Committee 6:30pm  
28—Carteens 6-8:30pm

## **October**

3—Junior Leadership 6:30pm  
17—Junior Fair Board 7:00pm  
18—4-H Committee 6:30pm  
24—Extension Advisory 5:30pm

## **November**

7—Junior Leadership 6:30pm  
11— Holiday Office Closed  
14—Horse Advisory 6:30pm  
15—4-H Committee 6:30pm  
16—Carteens 6-8:30pm  
21—Junior Fair Board 7:00pm  
24—25 Holiday Office Closed

## **December**

5—Junior Leadership 6:30pm  
19—Junior Fair Board 7:00pm  
20—4-H Committee 6:30pm  
23-24—Holiday Office Closed

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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## About 4-H - Judged July 12<sup>th</sup>

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	Must participate in an interview and bring an educational display or poster on one of the units in the book. Bring completed project book.	No state fair event
92 <i>4-H Around the Globe</i>	I	All Seven activities, including the Talking It Over Questions At least two learning experience At least two leadership/citizenship activities Project summary and project review	Must participate in an interview and bring an educational display or poster on one of the units in the book. Bring completed project book.	State Fair Eligible

## Animal Sciences

### Beef - - Skillathon July 16<sup>th</sup>

117 <i>Beef Project and Record Book</i> (for beef breeding, beef feeder, dairy beef feeder, and market beef projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections At least 1 topic of interest At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities. Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
118 <b>Beef Carcass Evaluation</b>	A	Complete the book	Must participate in a skill-a-thon and an interview. Bring an educational poster on the beef industry. Bring completed project book and feed record. <b>Must follow Junior Fair Requirements of age and experience. Refer to Junior Fair Handbook.</b>	No state fair event
<b>Companion Animals and Rabbits – Judging – see individual project</b>				
200 <b>All About Dogs</b>	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash. <b>Judged July 11<sup>th</sup></b>	Companion Animal Day
201 <b>Dog Project and Record Book</b> (for pet, obedience, showmanship, performance, and working dog projects)	X	Project animal by required date Project goals Member Project Guide, Dog Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and bring an educational display or poster related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash. <b>Judged July 11<sup>th</sup></b>	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
202 <b>Dog Achievement Program</b>	X	To earn a certificate, choose 3 topic areas within one category and complete all 5 activities with each selected topic area, for a total of 15 activities. For more details, see project book or <a href="http://ohio4h.org/DAP">ohio4h.org/DAP</a> .	Must participate in an interview and bring an educational display or poster related to project information. Bring dog (unless in heat), completed project book and feed record on day of judging only. Dogs must be brought on leash. <b>Judged July 11<sup>th</sup></b>	

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
215 <i>Cavy Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	Must participate in an interview and bring an educational display or poster related to project information. Bring your cavy, completed project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day
216 <i>Purr-fect Pals, Level 1</i>	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Must participate in an interview and bring educational display or poster related to project information. Bring your cat, project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day
217 <i>Climbing Up! Level 2</i>	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Must participate in an interview and bring educational display or poster related to project information. Bring your cat, project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day
218 <i>Leaping Forward, Level 3</i>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Must participate in an interview and bring educational display or poster related to project information. Bring your cat, project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day
220 <i>Pocket Pets Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	Must participate in an interview and bring educational display or poster related to project information. Bring your pocket pet, project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
225 <b>Breeding Rabbit Project and Record Book</b>	X	Project animal by required date At least 1 topic of Interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. <b>Judged July 16<sup>th</sup></b>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
226 <b>Market Rabbit Project and Record Book</b>	X	Project animal by required date At least 1 topics of interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record. <b>Judged July 16<sup>th</sup></b>	See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
227 <b>Pet Rabbit Project and Record Book</b>	X	Project animal by required date At least 1 topic of interest At least 8 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and bring an educational display or poster related to project information. Bring rabbit, completed project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	Companion Animal Day
230 <b>4-H PetPALS Project and Record Book</b>	X	Project animal by required date Project Goals and Objectives At least 2 project experiences Other animal project records County project judging (may be optional) Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader	Must participate in an interview and bring an educational display or poster related to project information. Bring pet, completed project book and feed record on day of judging. <b>Judged July 12<sup>th</sup></b>	No State Fair Level evaluation

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Goats – Skillathon July 16<sup>th</sup></b>				
135 <b>Goat Project and Record Book</b> (for breeding dairy; breeding meat; harness; market dairy, meat, or cross; pack, pygmy, and companion/pet goat projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
<b>Horses – Skillathon July 15<sup>th</sup></b>				
173 <b>Horseless Horse</b>	B	Planning Your Project section At least 4 interest areas All recommended activities in your selected interest areas At least 2 organized activities At least 2 leadership/citizenship activities One-page report	Must participate in an interview and bring an educational display or posted related to project information. Bring completed project book. <b><u>JUDGED JULY 13<sup>th</sup></u></b>	No state fair event
174 <b>Beginning Horse Management</b>	B	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 leadership/citizenship activities Project record One-page report	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .

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175 <b>Light Horse Selection</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities Questions on pages 55-57 Complete the judging description of your horse Completed 190R <i>Equine Record Book</i> One-page report	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
177 <b>Horse Training: How to Talk to Your Horse</b>	I	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
180 <b>Learning to Jump</b>	I	Project horse required by deadline Appropriate helmet and other equipment All 3 project areas At least 5 activities in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary Complete 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
181 <b>Draft Horses</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Interest areas 1-5 and 7 (new members) Interest areas 2-7 (returning members) Things to Do in each interest area At least 2 learning opportunities At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
182 <b>Small Equine</b>	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-7, each with at least one project activity At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
184 <b>Standardbred Horse</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Explore all interest areas At least 2 Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
185 <b>Equine Reproduction and Genetics</b>	A	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All 3 major interest areas At least 3 Things to Do in each of your selected interest areas At least 3 project learning activities and 3 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> Project diary or scrapbook	Must participate in an interview and bring an educational display poster on one of the units in the project book. Bring completed project book.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
188 <b>Trail Riding</b>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .

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189 <i>Dressage</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section New members explore interest areas 1-4 and first year Completion of project activities Repeating members complete Completion of Project activities All of the Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page report	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	Must participate in a dressage competition and meet scoring requirements Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
762 <i>Horse Nutrition</i>	A	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>	Horse Safety Program for first-time program participants  Must participate in an interview and skill-a-thon. Bring completed project book and feed record.  <b><u>JUDGED JULY 17<sup>th</sup></u></b>	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See "Jr. Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
<b>Llamas and Alpacas – Skillathon July 16<sup>th</sup></b>				
132 <i>Llama and Alpaca Project and Record Book</i>	X	Project animal by required date Project Goals and Objectives Member Project Guide, Animal Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See "Open Livestock" events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a>

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Poultry – Skillathon July 16<sup>th</sup></b>				
150 <b>Poultry Project and Record Book</b> (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
<b>Sheep – Skillathon July 16<sup>th</sup></b>				
197 <b>Lamb Carcass Evaluation</b>	A	Complete the book.	Must participate in a skill-a-thon and interview. Bring completed project book and feed record. <b>Must follow Junior Fair requirement of age and experience. Refer to Junior Fair Handbook.</b>	No State Fair Event
198 <b>Market Lamb Project and Record Book</b>	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
199 <b>Sheep Breeding Project and Record Book</b>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Swine – Skillathon July 16<sup>th</sup></b>				
139 <i>Market Hog Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
140 <i>Swine Breeding Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	Must participate in an interview and skill-a-thon. Bring completed project book and feed record.	See “Jr. Livestock” events under the Competitions tab at <a href="http://ohiostatefair.com">ohiostatefair.com</a> . See also <a href="http://4hansci.osu.edu">4hansci.osu.edu</a> .
143 <i>Barrow Carcass Evaluation</i>	A	Complete the book.	Must participate in an interview and skill-a-thon and bring an educational poster on the swine industry. Bring completed project book and feed record. <b>Must follow Junior Fair requirement of age and experience. Refer to Junior Fair Handbook.</b>	No State Fair Event
<b>Veterinary Science – Judged July 12<sup>th</sup></b>				
244 <i>From Airedales to Zebras, Level 1</i>	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation	Must participate in an interview and bring an educational display or poster on one of the units in the project book. Bring completed project book.	STEM Day: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
245 <i>All Systems Go! Level 2</i>	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	Must participate in an interview and bring an educational display or poster on one of the units in the project book. Bring completed project book.	STEM Day: completed project book, display, and interview
246 <i>On the Cutting Edge, Level 3</i>	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the "Whaddya Know?" survey before and after activities Project evaluation	Must participate in an interview and bring an educational display or poster on one of the units in the project book. Bring completed project book.	STEM Day: completed project book, display, and interview

## Clothing and Textile Science – Judged July 11<sup>th</sup>

407 <i>Accessories for Teens</i>	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation	Must participate in an interview and wear total look outfit that includes the accessory item or items you made. Cannot be worn with another 4-H sewing project. Bring completed project book and pattern(s).	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
408A <i>Exploring Sewing: Pillowcases</i>	B	Complete Project Guide Learning Activities Sew <b>Two</b> Pillowcase (pattern included or choose your own). Make one pillowcase for yourself and one for charity.  Complete the project review page	Must participate in an interview and bring one simple bag you made for yourself and pillowcase (or picture of pillowcase) you made for charity. Bring completed book and patterns.	No State Fair Event
409 <i>Sew Fun!</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris Project review	Must participate in a project review, wear item constructed and complete the outfit for a total look. Bring completed pin cushion, pattern and project book.	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
410 <i>Designed by Me</i>	B	All 8 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket Project review Project record (if any materials purchased)	Must participate in an interview and wear total look outfit, which includes your decorated top. Bring completed project book.	Clothing Days: completed project book and outfit
413 <i>Sundresses and Jumpers</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review	Must participate in a project review, wear jumper or sundress, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
419 <i>Terrific Tops</i>	B	All 8 activities, including Talking It over questions At least 2 learning experiences At least 2 leadership/citizenship activities A top that is part of a complete outfit Project review	Must participate in an interview, wear constructed top, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and the top constructed
427 <i>Make a Bag I</i>	B	Explore each of the 3 project areas and complete all activities. Make one bag for yourself and one for charity. Take part in at least 2 learning experience and 2 leadership/citizenship activities.	Must participate in an interview and bring one simple bag you made for yourself and bag (or picture of bag) you made for charity. Bring completed book and patterns.	No State Fair Event
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and wear total look outfit that includes embellished item or items you made. Cannot be worn with another 4-H sewing project. Bring completed project book and pattern(s).	Clothing Days: completed project book and embellishment(s) on at least one garment

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
412 <i>Sew for Others</i>	I	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Construct one complete outfit for the person of your choice OR adapt three different garments for someone with a disability	Must participate in an interview, bring "other" wearing garment(s) you constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit (It is desirable but not required for the "other" to wear the outfit. Also, if the project is repeated, a new category of "other" must be selected)
415 <i>Ready, Set, Sew Active!</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment that is part of an active sportswear outfit Project summary and project review	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
418 <i>Loungewear</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A loungewear outfit to wear over garments you make or buy Project record, summary, and review	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
424 <i>Clothing for Middle School</i>	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves <b>or</b> a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
428 <i>Make a Bag II</i>	I-A	Explore each of the 3 project areas and complete all activities. Make one bag for yourself and one for charity. Take part in at least 2 learning experience and 2 leadership/citizenship activities.	Must participate in an interview and bring one simple bag you made for yourself and bag (or picture of bag) you made for charity. Bring completed book and patterns.	No State Fair Event

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
430 <i>Shopping Savvy</i>	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review	Must participate in an interview, wear a total look outfit that you created as part of this project, and bring an educational display or poster on information from the project book. Bring completed project book.	Clothing Days: completed project book and outfit
406 <i>Clothes for High School and College</i>	A	All 5 major areas At least 2 additional organized activities At least 2 leadership/citizenship activities A wardrobe inventory At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before Repair at least 3 items from your wardrobe Project summary	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
408 <i>Creative Costumes</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Project record and evaluation summary	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
417 <i>Dress-Up Outfit</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A dress-up garment with two or more new experiences (zipper, sleeves, new trim or fabric) and coordinate/incorporate/integrate into your total look Project evaluation and project review	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit
420 <i>Outerwear for Anywhere</i>	A	All 4 projects areas and activities At least 2 learning experiences At least 2 leadership/citizenship activities An advanced-level outer garment, such as a coat, jacket, raincoat, cape, or other similar outer garment, and add other clothing accessories for a total look. Project summary and project review	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit

<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> See the 4-H State Fair Guidebook for complete details for non-livestock projects.
425 <b><i>Look Great for Less</i></b>	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation	Must participate in an interview and wear a total look outfit that you selected. Bring completed project book.	Clothing Days: completed project book and outfit
426 <b><i>Clothing for Your Career</i></b>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An outfit with at least 2 pieces appropriate for a job, volunteer, work, or an interview (suit, uniform, or work outfit) At least 2 alterations A brief description of an interesting job. Job site visit or interview a professional, or both Project record and evaluation	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	Clothing Days: completed project book and outfit.
432M <b><i>Sewing and Textiles (non-Clothing) Master</i></b>	A	At least one non-clothing fabric item At least 2 learning experiences At least 2 leadership/citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview, wear garment(s) constructed, and complete outfit for total look. Bring completed project book and pattern.	No state fair event

## Communication – Judged July 12<sup>th</sup>

377 <b><i>Finding Your Voice: Public Speaking Made Easy</i></b>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
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## Creative and Leisure Arts

### Cake Decorating – Judged July 12<sup>th</sup>

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
492 <b><i>Cake Decorating Project and Record book</i></b>	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review	Must participate in an interview. A 9"x13" Styrofoam cake iced and decorated with buttercream icing. Decorations should include the following: a) top and bottom border, b) a flower arrangement, c) an inscription of your choice such as Best Wishes, Happy Birthday, etc. Bring a poster with pictures of the member planning, shopping, or preparing food. Bring completed project book.	Creative Arts Day II: completed project book, display (decorated cake and poster), written and hands-on skills evaluation, and interview
<b>Collecting – Judged July 12<sup>th</sup></b>				
496 <b><i>My Favorite Things</i></b>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring a scrapbook of activities listed in the Planning of Your Project section. Bring all of your collection (if it is not too large). If you have more than one collection, bring only one. Bring an educational display or poster. Bring completed project book.	Creative Arts Day I: completed project book, display (representing their learning experience), and interview
<b>Fine Arts – See Projects for Judging times</b>				
498 <b><i>Quilting the Best Better</i></b>	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review	Must participate in a project interview, bring quilt created as part of this project. Bring completed project book.  <b><u>Judged July 11<sup>th</sup></u></b>	Quilt Day: completed project book, quilt and interview
499 <b><i>You Can Quilt!</i></b>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct a Rail Fence or Four Patch mini-quilt Project summary and project review	Must participate in a project interview, bring quilt created as part of this project. Bring completed project book.  <b><u>Judged July 11<sup>th</sup></u></b>	Quilt Day: completed project book, mini quilt, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
592 <b>Get Started in Art</b>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	Must participate in an interview and have at least 3 items created. Be able to discuss the elements of visual art and how you applied them in your project. Bring completed project book. <b><u>Judged July 12<sup>th</sup></u></b>	Creative Arts Day I: completed project book, display (piece of art/poster), written skills evaluation, and interview
593 <b>Seeing Through Graphic Design</b>	I	All 9 activities, including a portfolio, and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book. <b><u>Judged July 12<sup>th</sup></u></b>	Creative Arts Day I: completed project book, display (portfolio), and interview
<b>Genealogy – Judged July 12<sup>th</sup></b>				
442 <b>Family History Treasure Hunt</b>	X	All 4 steps in What to Do, depending on number of years project is taken At least 1 other learning experience At least 1 leadership/citizenship activity Project review and records	Must participate in an interview and bring a scrapbook, file of records used, pictures showing progress, etc. and project records to show results. Each participant will be interviewed and evaluated on their knowledge of genealogy and what they learned in the project, their ability to conduct genealogical research, specifically documentation or references, organization, certificates, personal research, and overall appearance and presentation of their work. Bring completed project book.	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation
<b>Photography – Judged July 12<sup>th</sup></b>				
584 <b>Photography Basics, Book 1</b>	B	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook <i>(Use the same book 1-3 years.)</i>	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a “photo story”, or prints that illustrate an activity)	Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” or prints that illustrate an activity), and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
585 <i>Next Level Photography, Book 2</i>	I	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook (Use the same book 1-3 years.)	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a "photo story", prints that illustrate an activity, or single print with the news story it illustrates.)	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," prints that illustrate an activity, or single print with the news story it illustrates)
586 <i>Mastering Photography, Book 3</i>	A	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook (Use the same book 1-3 years.) <sup>354</sup>	Must participate in interview. Bring completed project book. Display (single mounted print, prints that tell a "photo story", prints that illustrate an activity, or single print with the news story it illustrates.)	Photography Day: completed project book, display (single mounted print, prints that tell a "photo story," prints that illustrate an activity, or single print with the news story it illustrates)
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	Must participate in an interview. Bring completed project book. Bring at least 1 print for display, mounted at participant's discretion, illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.	Photography Day: completed project book, <b>bring at least (1) one print for display, mounted at participant's discretion</b> , illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.
<b>Scrapbooking – Judged July 12<sup>th</sup></b>				
497 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	Must participate in an interview and bring completed project book and scrapbook.	Creative Arts Day I: completed project book, display, written and hands-on skills evaluation, and interview
<b>Writing – Judged July 12<sup>th</sup></b>				
588 <i>The Writer in You</i>	I	All 11 activities (including a writing portfolio) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview. Bring writing portfolio completed as part of the project. <u>Submit one writing by June 30 to the Extension office.</u> Bring completed project book.	No state fair event

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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## Food and Nutrition – Judged July 11<sup>th</sup>

**PROJECT PORTFOLIOS:** All members taking Food & Nutrition Project need to complete a project portfolio for judging. This portfolio can be a paper/plastic folder with center binder tabs or a three ring notebook (no 12x12 scrapbook). Members should devote only ***one page for each activity*** they have completed. Ideas for pages could include pictures (with captions), journaling, collages, graphs with captions, etc. to help describe what you did with your project.

459 <b><i>Let's Start Cooking</i></b>	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>Completed project portfolio</li> <li>A planned menu for one day using MyPlate</li> </ul> Completed project book	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
463 <b><i>Sports Nutrition: Ready, Set, Go</i></b>	I	All 5 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>Completed project portfolio</li> <li>A planned menu for one day using MyPlate</li> <li>Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
481 <b><i>Everyday Food and Fitness</i></b>	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>Completed project portfolio</li> <li>A planned menu for one day using MyPlate</li> <li>Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
484 <b><i>Snack Attack!</i></b>	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>Completed project portfolio</li> <li>A planned menu for one day using MyPlate</li> <li>Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
486 <b>Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices</b>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
487 <b>Take a Break for Breakfast</b>	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
488 <b>Mmmmm... Cookies</b>	B	Complete all 10 Activities. Juniors, complete at least two Learning Activities & two Leadership/Citizenship Activities. Seniors, complete at least four Learning Activities and at least four Leadership/Citizenship Activities.	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	No State Fair Event
461 <b>Let's Bake Quick Breads</b>	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
472 <b>Grill Master</b>	I	All 6 activities, including at least 5 recipes and the Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
474 <i>Beyond the Grill</i>	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
475 <i>Star Spangled Foods</i>	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
476 <i>Kitchen Boss</i>	A	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> </ul> Completed project book	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
477 <i>Party Planner: A 4-H Guide to Quantity Cooking</i>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> <li>• Complete a budget for a party and list all the expenses to help decide how to spend the money</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
485 <i>Racing the Clock to Awesome Meals</i>	I	All 7 activities, including 1 recipe and the Notes for Next Time for each activity At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
462 <i>Yeast Breads on the Rise</i>	A	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
467 <i>You're the Chef</i>	A	All 8 interest areas, including 7 meals At least 2 learning experiences At least 2 leadership/citizenship activities Project record, evaluation at the end of each interest area, and review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
469 <i>Global Gourmet</i>	A	All 7 activities, including preparation of meals and Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
476 <i>Pathways to Culinary Success</i>	A	All 6 chapters, including at least 3 recipes or additional ideas for each chapter At least 3 learning experiences At least 1 leadership/citizenship/career activity Project record and project journal	Must participate in an interview and bring the following: <ul style="list-style-type: none"> <li>• Completed project portfolio</li> <li>• A planned menu for one day using MyPlate</li> <li>• Completed project book</li> </ul>	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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## Healthy Living – Judged July 12<sup>th</sup>

300 <i>You're the Athlete</i>	I	At least 1 (of 7) section (Play Book, Practice Field, and Big Event) Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event) At least 2 special learning experiences At least 2 leadership/citizenship/career applications "My Season highlights" (project summary)	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
351 <i>Staying Healthy</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
352 <i>Keeping Fit</i>	I	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
353 <i>First Aid in Action</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
354 <i>Medicine Science and Safety</i>	I	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview and bring an educational display or poster. Bring completed project book.	Health Day: completed project book, display, and interview

<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> See the 4-H State Fair Guidebook for complete details for non-livestock projects.
355 <b><i>Tracking Your Health and Fitness</i></b>	I	All 10 activities, all Talking It Over questions, and a health and fitness log At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review (A fitness tracking device is recommended but not required.)	Must participate in an interview and bring an educational display or poster. Bring completed project book.	Health Day: completed project book, display, and interview
357 <b><i>Alcohol and Drug Abuse</i></b>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
358 <b><i>The Truth About Tobacco</i></b>	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
359 <b><i>Your Thoughts Matter</i></b>	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview
434 <b><i>Superhero You</i></b>	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster related to athletics. Bring completed project book.	Health Day: completed project book, display, and interview

## Home Living – Judged July 12<sup>th</sup>

405 <b><i>The Laundry Project</i></b>	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring an educational display or poster related to project information. Bring completed project book.	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
491 <i>It's My Home</i>	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an item or items constructed in your project according to the requirements listed in the book. Visuals to show how the item(s) helps make more pleasing and practical living spaces in your home. Project records to show your accomplishments. Bring completed project books.	Home Decorating and Design Day: completed project book, display (an item constructed in the project, visuals to show how it helps make more pleasing and practical living spaces), and interview
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring visuals (an exhibit of items from your project or pictures, etc.). Bring your project records to show your project accomplishments according to the requirements in your book and your completed project book.	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
495 <i>Your First Home Away From Home</i>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record	Must participate in an interview. Bring your project records and completed project book. Have an exhibit (items selected or made for your first home, record, pictures, etc.) showing how you've used knowledge, skills, and attitudes related to home environment in planning your first home away from home.	Home Decorating and Design Day: completed project book, display (visuals and records), and interview

## Leadership and Citizenship – Judged July 12<sup>th</sup>

370 <i>Mentoring: Leadership in Action</i>	A	All 7 activities and all Talking It Over questions At least 2 activities of first 3 interest areas At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
371 <b>Club Leadership 1</b>	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
372 <b>Diversity: The Source of Our Strength</b>	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
373 <b>My Hands to Larger Service: Teen Leaders Building Our Communities</b>	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
374 <b>Teens on Board</b>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
375 <b>Leadership Road Trip: Where Are You Going?</b>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
375i <b>Leadership Road Trip iBook</b>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: iPad with completed project book, display, and interview
376 <b>Pantry Panic!</b>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project book, display, and interview
378M <b>Leadership Master</b>	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project record, display, and interview

<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> See the 4-H State Fair Guidebook for complete details for non-livestock projects.
383 <b>Club Leadership 2</b>	A	All 11 activities and Talking It Over questions At least 3 individual goals or additional activities At least 2 learning experiences At least 2 citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Leadership Day: completed project record, display, and interview

## Money Management – Judged July 12<sup>th</sup>

445 <b>Becoming Money Wise</b>	B	Level I All 11 Making \$ense and all 5 Money Talk activities As many additional More Making \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities Level II All 12 Resource \$ense and 3 Resource Talk activities As many additional More Resource \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities A money journal	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	No state fair event
448 <b>Teens . . . On the Road to Financial Success</b>	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	No state fair event

## Natural Resources – Judged July 12<sup>th</sup>

<b>Gardening and Plant Science</b>				
670 <b>Canning and Freezing</b>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
671 <i>How Does Your Garden Grow?</i>	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring a poster with pictures of the member planning, planting and tending to the garden. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
673 <i>Edible Landscapes</i>	I	All 9 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
676 <i>Terrific Terrariums</i>	X	Complete the book	Must participate in an interview and bring one terrarium that has been cared for by member for three months. Must be covered. Bring completed project book.	No State Fair Event
691 <i>Grow Your Own Vegetables</i>	B	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
692 <i>Growing with the Seasons</i>	I	All 9 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring a poster with pictures of the member planning, planting and tending to the garden. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
<b>The Natural World</b>				
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
612 <i>Geology: Can You Dig It?</i>	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
613 <i>Exploring Polar Science</i>	I	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
617 <i>Exploring Ponds</i>	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
621 <i>Ohio Birds</i>	X	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Observe and record at least 20 different bird species One-page summary	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
622 <i>Trapping Muskrats in Ohio</i>	I	All 7 activities At least 3 learning experiences At least 3 leadership/citizenship activities 2 of 3 projects for first year; 2 of 3 projects for second year A poster board	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
623 <i>Outdoor Adventurer: Beginning Fishing</i>	B	All 8 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
624 <i>Outdoor Adventurer: Intermediate Fishing</i>	I	All 11 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
641 <i>Beekeeping Project and Record Book</i>	X	Set at least 3 project goals and objectives At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Colony Care and Management section Beekeeping Record	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
644 <i>Insect Adventures 1</i>	B	All 7 activities, including an insect collection (30 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and first-year collection of 30 insects from 8 different orders, named and identified. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
645 <i>Insect Adventures 2</i>	I	All 8 activities, including an insect collection (40 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and second year collection of 100 insects from 8 different orders, including 25 collected first year, named and identified. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
646 <i>Insect Adventures 3</i>	A	All 7 activities, including an insect collection (50 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and second year collection of 100 insects from 8 different orders, including 50 collected first 2 years, named and identified. Bring completed project book.	Natural Resources Day II: completed project book, display, and interview
<b>Shooting Sports</b>				
630 <i>Safe Use of Guns</i>	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
631 <i>Basic Archery</i>	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review	Must participate in an interview. Bring an educational display or poster on one of the units of the book. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
750 <i>Rifle Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified rifle instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
751 <i>Archery Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified archery instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
752 <i>Shotgun Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified shotgun instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
753 <i>Pistol Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified pistol instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
754 <i>Hunting and Wildlife Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified hunting/wildlife instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> See the 4-H State Fair Guidebook for complete details for non-livestock projects.
755 <b><i>Muzzleloader Member Record Book</i></b>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor; a previously completed rifle, pistol, or shotgun project is strongly recommended	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
756 <b><i>Living History Member Record Book</i></b>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified living history instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview
757 <b><i>Crossbow Member Record Book</i></b>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be enrolled in a Shooting Sports program under the direction of a certified crossbow instructor	Must participate in an interview and participate in a proficiency evaluation. Bring completed project book.	Natural Resources Day 1—Shooting Sports: completed project book, display, and interview

## Science, Technology, Engineering, and Math (STEM) – Judged July 12<sup>th</sup>

<b>Aerospace Science</b>				
501 <b><i>Rockets Away</i></b> (2-Liter Bottle Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	Must participate in an interview and bring a 2-Liter bottle rocket. Bring completed project book and display.	STEM Day: completed project book, display, and interview
502 <b><i>Science Fun with Flight</i></b>	B, ages 9-14	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Build a glider or flyer, or a plastic model airplane or jet Project review	Must participate in an interview and bring an airplane or glider built from scratch or from a kit. Bring completed project book and display	STEM Day: completed project book, display, and interview

<b>Project Number and Name</b>	<b>Skill Level*</b>	<b>Project Completion Requirements</b> See each project book for complete details.	<b>County Requirements</b>	<b>State Fair Requirements</b> See the 4-H State Fair Guidebook for complete details for non-livestock projects.
503 <b>Rockets Away</b> (Solid-Fuel Model Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a solid-fuel model rocket from a kit Project review	Must participate in an interview and bring a rocket model. Bring completed project book and display.	STEM Day: completed project book, display, and interview
503M <b>Solid-Fuel Rocketry Master</b>	A	One major solid-fuel rocketry project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview. Bring an educational display or poster on one of the units in the project book. Bring completed project book.	STEM Day: completed project book, display, and interview
<b>All-Terrain Vehicles (ATV)</b>				
555 <b>ATV Safety</b>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	Must participate in an interview. Bring an educational display or poster on one of the units in the project book. Bring completed project book.	No state fair event
<b>Bicycle</b>				
517 <b>Bicycling for Fun, Level I</b>	B	At least 7 activities per year Complete the Bicycling For Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections	Must participate in an interview, bring completed project book and an educational display or poster related to the project information is required.	No state fair event
518 <b>Wheels in Motion, Level 2</b>	I	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections	Must participate in an interview, bring completed project book and an educational display or poster related to the project information is required.	No state fair event
<b>Chemistry</b>				
493 <b>Science Fun with Kitchen Chemistry</b>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	STEM Day: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Electricity</b>				
527 <i>Magic of Electricity, Level 1</i>	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
528 <i>Investigating Electricity, Level 2</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
529 <i>Wired for Power, Level 3</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
530 <i>Entering Electronics, Level 4</i>	A	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
531 <i>Science Fun with Electricity</i>	B	All interest areas Experiments and journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Energy</b>				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	STEM Day: completed project book, display, and interview
<b>Food Science</b>				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	STEM Day: completed project book, display, and interview
<b>Knots</b>				
540 <i>Not Just Knots</i>	X	All 17 activities (including a capstone project) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
<b>Physics</b>				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview and bring an educational display or poster using one of the experiments from the project book. Bring completed project book.	STEM Day: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
<b>Robotics</b>				
507 <i>Robotics 1 with EV3</i>	I	All 12 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring completed project book. Bring your engineered robot. Need to purchase LEGO EV3 kit.	STEM Day – completed project book, display and interview. In addition to the interview, contestants will demonstrate their LEGO EV3 robot's ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot's completion of these tasks along with a printout of the program.
508 <i>Robotics 2: EV3N More</i>	A	All 7 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Must participate in an interview and bring completed project book. Bring your engineered robot. Need to purchase LEGO EV3 kit.	STEM Day – completed project book, display and interview. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.
512M <i>Robotics Master</i>	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview and bring completed project book. Bring your engineered robot. Need to purchase LEGO EV3 kit.	STEM Day: completed project book, display, interview, and tasks. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing along with a printout of the program.
<b>Small Engines and Lawn Care</b>				
541 <i>Crank It Up, Level 1</i>	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
542 <i>Warm It Up, Level 2</i>	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
543 <i>Tune It Up, Level 3</i>	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide	Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering Excitement Day: completed project book, display, and interview
<b>Tractor and Machinery Operation</b>				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities	Participate in Tractor Certification Program (optional)  Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities	Participate in Tractor Certification Program (optional)  Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities	Participate in Tractor Certification Program (optional)  Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
554 <i>Learning More: Learning About Agricultural Tractors and Equipment, Level D</i>	A	Complete all activities	Participate in Tractor Certification Program (optional)  Must participate in an interview. Bring educational display or poster on one of the units in the project book. Bring completed project book.	Engineering—Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
<b>Welding</b>				
573 <i>Arcs and Sparks</i>	I	Recommended number of areas, building skills, and developing knowledge questions for your year At least 2 organized project activities At least 2 leadership/citizenship activities Build at least 2 weldments/or other items in book One-page report	Must participate in an interview and bring completed project book. Bring two of the suggested projects which are found in the project book.	Engineering—Welding Day: completed project book, appropriate gear, other equipment and/or supplies, and welding project NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).
<b>Woodworking</b>				
556 <i>Measuring Up, Level 1</i>	B	At least 7 activities per year for up to three years At least 2 leadership experiences Planning Guide	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview <b>NOTE: See the State Fair Guide Book for list of allowable tools.</b>
557 <i>Making the Cut, Level 2</i>	I	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview <b>NOTE: See the State Fair Guide Book for list of allowable tools.</b>
558 <i>Nailing It Together, Level 3</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview <b>NOTE: See the State Fair Guide Book for list of allowable tools.</b>

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
559 <i>Finishing Up, Level 4</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview <b>NOTE:</b> See the State Fair Guide Book for list of allowable tools.
560M <i>Woodworking Master</i>	A	One major woodworking project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Must participate in an interview and bring a wood project of choice which shows what they have learned. Bring completed project book.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview <b>NOTE: See the State Fair Guide Book for list of allowable tools.</b>

## Self-Determined – Judged July 12<sup>th</sup>

365 <i>Self-Determined</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	Must bring completed project book and project records, a sample of project work, and a display mounted on a tri-fold display. This display must include Title of the Project, Background, Areas of Interest, Results, and Conclusion. Judging will consist of an oral interview with a review of the participant's project book, tabletop display, and a sample of the project work. ADDITIONALLY, a ten-minute oral presentation of the project will be required. Again, self-determined projects are judged on merit and not eligible for county awards. However, may be selected to go to State Fair.	Self-Determined Day: completed 365 project record, tri-fold display, sample of project work, and interview <b>NOTE:</b> Requirements are different for self-determined projects that go to other days.
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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## Workforce Preparation – Judged July 12<sup>th</sup>

382 <i>Am I Ready for Work?</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Must participate in an interview. Bring educational display or poster from the material provided. Bring completed project book.	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview
387 <i>Here, There, Ag Careers Are Everywhere</i>	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Must participate in an interview. Bring an educational display or poster and scrapbook of activities. Bring completed project book.	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview

\* Project skill level indicates the project's intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; **I** = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; **A** = Advanced level—for experienced members in a project area, or 14 or older; and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.

