

## 2023 Project Guidelines

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### SYMBOL IDENTIFICATION

b- This is a beginning level project for members with little or no experience in a project.

i- This is an intermediate level project for members with some experience in a project area.

a- This is an advanced level project for experienced member

X- All ages and experiences

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State Fair Selected- These projects do have state fair 4-H classes for which members may be selected to participate.

State Fair Open- These projects have Jr. Fair classes in which it is up to the individual to enter their project by the June 20<sup>th</sup> deadline.

G- Projects that have lesson plans and require an adult volunteer to work with the group.

## Welcome to the 2023 4-H Project Guidelines!!



## WELCOME TO THE 4-H PROJECT JUDGING GUIDEBOOK!

Welcome to 4-H! By participating in 4-H, you are among the 3,000 Morrow County boys and girls in one of the largest youth organizations in the world!

The "4-H Project Handbook" has been prepared to help you have a successful 4-H year. Keep in handy and please read it carefully. I have **Bolded** wording and dates that are new or things that a due date assigned.

If you have any questions, please contact the Extension Office. Our address and phone number are on the front cover.

Have a great 4-H year!

Sincerely,  
*Becky Barker*

Becky Barker  
Extension Educator  
4-H, Youth Development

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Funding for the OSU Extension-Morrow County Office and Programs are provided by the OSU Extension Levy

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## PROJECT JUDGING INFORMATION

### Judgings Listed in Calendar Date Order

#### Early Judging

**June 20 (Recommended Pre-register by June 9) by calling the Extension Office or Jr. Fair Office)** For all non-livestock/horse projects who cannot attend regular July judging. Projects are eligible for most awards. Fairgrounds

#### Writing Project

Writings due to Extension Office **June 30. Judging Interview with the judge is July 17** during Misc. Project Judging. For project: 588. Location: Fairgrounds Youth Building.

#### Miscellaneous (Misc.) - Science, Shop, Engineering, Outdoors, Shooting Sports, and Family Consumer Science

**July 17th**, Judging will take place by appointment signup, watch for information. For projects: 91, 92, 173, 244-246, 300, 351-355, 357, 358, 359, 360, 365 – 365.30, 370-378, 382-383, 386, 387, 405, 434, 442, 445, 448, 490, 491, 493, 494, 495, 496, 497, 500-503, 509, 512M, 517-518, 527-531, 540-543, 550-559, 560M, 561, 573, 584-586, 589M, 592, 593, 611-624, 630, 631, 641, 644, 645, 646, 673, 750-757 Location: Fairgrounds Youth Building

#### Small Animals

**July 17th**, Judging will take place by appointment signup. For projects: 200, 201D, 215-218, 220, 227 365.13, 365.26, 365.27, 365.28, 365 (any other small animal self-determined) Location: Fairgrounds Youth Building

#### Flowers

**July 17th**, Judging will take place by appointment signup. For projects: 365.25, 671. Location: Fairgrounds Youth Building

#### Gardening Projects

**July 17th**, Location: Fairgrounds, Youth Building, Judging by club. For project 673, 691, 692

#### Food & Nutrition

**July 18<sup>th</sup>, Afternoon**. For food projects 459 –487, 492 Cake Decorating, 670 Canning and Freezing, Candy, Cookies, and Pies. Location: Fairgrounds Youth Building. **An Overall county food award will be selected based on project quality and member's knowledge; award given at fair.**

#### Clothing and Textile Science

**July 18th, Afternoon and Evening**, Judging will take place by project. For clothing projects: 406-432M AND **498 and 499 Quilting**. To qualify for STATE FAIR SELECTION your outfit must be worn, or **quilt displayed in the evening style review, An Overall county clothing award will be selected by judges based on project quality and member's knowledge, award given at fair.**

**Did you miss Project Judging?** We want members to be successful and complete your project! Contact your advisor to schedule an interview with them and the Extension office for a judging form for advisors to complete. Complete interview = project completion. Complete interview and turn in judging form to Jr. Fair office by livestock skillathons = Jr. Fair display permission to exhibit. No awards.

#### Livestock, Poultry, Rabbits, Llamas, Alpacas, Horses, Dog Obedience/Handling\*\*

**\*\*August 28 – September 4**, Morrow County Fair Projects are to be judged according to the fair schedule.

Check dates and times in the Jr. Fair, Fair Book.

**\*\*All members in these projects need to participate in a skillathon held **August 7 & Aug 8****

**Jr. Fair Entry Forms are Due June 7<sup>th</sup>!! These Entries are required to participate in the Jr. Fair and are different than a 4-H Enrollment which enters you into 4-H.**

## 4-H AROUND THE GLOBE

92 – 4-H Around the Globe (i, state fair selection possible)

**JUDGING:** Bring completed project book and bring 1 photo album (maximum size 12"x18"x5") OR 1 portfolio/box (maximum size 24"x24"x24"). In addition, you may bring one poster, maximum size 24" x 36". The poster may be a standard sized science fair, tri-fold poster with a maximum size of 24" x 36" when folded.

**EXHIBIT:** Display poster

**Judging:** July 17<sup>th</sup>

If selected for state fair judging is: July 27th



## AEROSPACE SCIENCE (STEM)

501 - ROCKETS AWAY (2-liter bottles) (b, 10-17, possible state fair selected) [www.ohio4h.org/rocketsaway](http://www.ohio4h.org/rocketsaway)

JUDGING: Bring finished project book to interview judging. Bring bottle rockets built and any other data collected. Youth maybe asked to launch rocket, all launch equipment will be provided at judging. Rocket Launcher available for use through the Extension Office for project work or maybe purchased.

EXHIBIT: Exhibit rocket and display with any charts (display should be at least an educational poster 14" x 22").

502 – SCIENCE FUN WITH FLIGHT (b, 9-14, possible state fair selected) Educational website: [www.ohio4h.org/flight](http://www.ohio4h.org/flight)

JUDGING: Bring completed project book, completed glider, flyer, plastic model airplane or jet, and an educational display (display should be at least a poster 14"x22") to interview judging.

EXHIBIT: Exhibit glider, flyer, or model.

503 - ROCKETS AWAY (Solid-Fuel Model Rockets) (b, possible state fair selected)

JUDGING: Bring finished Estes-type rocket project, completed book, **and** educational display to interview judging. Display should be at least a 14" x 22" poster.

EXHIBIT: Exhibit fully assembled and decorated model and/or educational display.

503M – SOLID-FUEL ROCKETRY MASTER (Solid-Fuel Model Rockets) (a, possible state fair selected)

JUDGING: Bring finished Estes-type rocket project, completed book, **and** educational display to interview judging. Display should be at least a 14" x 22" poster.

EXHIBIT: Exhibit fully assembled and decorated model and/or educational display.

Judging: July 17<sup>th</sup>

If selected for state fair judging is: July 29th



## ARCHERY

631 - BASIC ARCHERY (b, possible state fair selected)

**JUDGING:** Bring your project book materials and an exhibit to judging. Be prepared to answer questions about your project book, your exhibit, and learning activities in which you participated. **Do not bring bows and arrows or 3 dimensional replicas to judging nor be used as part of display.**

**EXHIBIT:** Educational display about something you learned. Display should be at least a 14" x 22" poster.

**Judging:** July 17<sup>th</sup>

**If selected for state fair judging is: Friday, August 4th**



## ARTS

592 – GET STARTED IN ART (X, possible state fair selected)

PROJECT: Complete the following: All 11 activities, At least 2 learning experiences, At least 2 leadership/citizenship activities and a final project

JUDGING: Bring completed project book, art piece(s), **and educational display the member has created from his/her learning experiences. Display should be at least a 14" x 22" poster.**

EXHIBIT: Exhibit art pieces and educational display.

593 – SEEING THROUGH GRAPHIC DESIGN (1 possible state fair selected)

PROJECT: Complete the following: 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 and Project summary.

JUDGING: Bring completed project book, portfolio, and anything else the member has created from his/her learning experiences.

EXHIBIT: Portfolio

Judging: July 17<sup>th</sup>

If selected for state fair judging is: Thursday, July 27<sup>th</sup>



## ATV

### 555 –ATV SAFETY (X, County Award)

**PROJECT:** This project is great for all ages and is all about being a safe rider. Members are encouraged to participate in an ASI Rider Safety Course, but it is not required.

**JUDGING:** Members are to bring completed project book, an educational poster showing something they have learned, and the following safety equipment they wear during this project: Helmet, with full face shield or goggles, long sleeve pullover type shirt (no button type shirts), full finger gloves, long pants of sturdy material such as denim (ATV riding pants are ideal, but not required), and over the ankle leather boots (no athletic shoes or rubber boots). Be prepared to share your safe riding experiences.

**EXHIBIT:** Educational poster

**Judging:** July 17<sup>th</sup>





## BEEKEEPING

641 - BEEKEEPING (X, possible state fair selected)

**JUDGING:** Bring completed project book as directed in the project guidelines and a completed educational display. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project and quality of your project display. Educational display should be at least a 14"x 22" poster.

**EXHIBIT:** Exhibit an educational display, which summarizes a learning experience. Educational display should be at least a 14"x 22" poster.

**Judging:** July 17<sup>th</sup>

If selected for state fair judging is: Saturday, August 5th



## BICYCLE

517 BICYCLING FOR FUN (b, County winner) **Use the same book for 1-2 years.**

PROJECT: Wearing an ANSI certified bicycle helmet is needed. Complete at least seven activities each year.

Complete the Bicycling for Fun Achievement Program on second year. Complete Project Goals, Before and After, and Project Highlights Sections. Project can be repeated once.

JUDGING: Bring a 14" x 22" poster on knowledge gained from project book. Bring project book to judging be prepared to discuss seven activities done each year.

EXHIBIT: Poster Only

518 WHEELS IN MOTION, LEVEL 2 (i, County winner) **Use the same book for 1-2 years**

PROJECT: Wearing an ANSI certified bicycle helmet is strongly recommended, designate a bicycle project helper, do at least 7 activities each year. Complete the Bicycling for Fun Achievement Program on second year.

Complete Project Goals, Before and After, and Project Highlights Sections. Project can be completed once.

JUDGING: Bring a 14" x 22" poster on knowledge gained from project book. Bring project book to judging, be prepared to answer questions from activities completed.

EXHIBIT: Poster Only

Judging: July 17<sup>th</sup>



## CAKE DECORATING

492 – Cake Decorating (X, possible State Fair Selected)

**PROJECT:** Develop skills in decorating cakes and experiment with various decorating ideas. Complete at least 5 learning activities, 2 learning experiences, 2 leadership/citizenship activities, record of decorating skills and techniques, project, and cake records.

**JUDGING:** Judged at **Food Judging**

1. Bring decorated cake or cupcake. Cakes may not exceed 4 tiers in advanced years.
2. Bring completed project book for level/year.
3. A display representing their learning experience of the current project. Should be at least a 14" X 22" Poster.

**EXHIBIT:** Display and/or Styrofoam base of skills learned.

**Judging:** July 18<sup>th</sup>

If selected for state fair, judging date is: Tuesday, August 1<sup>st</sup>



## CANNING AND FREEZING

670 – CANNING AND FREEZING (I, possible State Fair Selected)

PROJECT: Develop skills in canning and freezing. Complete all 7 activities, 2 learning experiences, 2 leadership/citizenship activities.

JUDGING: Judged at **Food Judging**.

Bring completed project book and a display representing their learning experience of the current project.

Should be at least a 14" X 22" Poster.

EXHIBIT: Display

Judging: July 18<sup>th</sup>

If selected for state fair judging is: Saturday, August 5<sup>th</sup>



## CATS

216 - CATS 1- PURRFECT PALS (b, possible state fair selected)

PROJECT: This project is for youth who may or may not have a cat. See project 218 for other project guidelines.

217 - CATS 2 - CLIMBING UP (i, mg, possible state fair selected)

See project 218 for project guidelines. Complete CATS 1 before taking this project.

218 - CATS 3 – LEAPING FORWARD (a, possible state fair selected)

PROJECT: Bring exhibit poster/display representing learning and completed project book. Do not bring cat. Pictures with display are encouraged if youth have a cat.

EXHIBIT: Exhibit a (at least 14" x 22") educational poster.

Judging: July 17<sup>th</sup>

Possible state fair judging date: July 28th



## CLOTHING AND TEXTILE SCIENCE

### Important Clothing Project Dates:

**July 18** - Clothing Judging will take place by appointment. An evening style show is also part of judging, this starts at 7:00 PM and is required for awards. For projects: 409-426 and Quilt Projects. An Overall county clothing award will be selected by judges based on project quality and member's knowledge. Award given at fair.

**Possible State Fair selected judging dates: August 1, 2**

**Sunday of Fair, 4:00 PM** - Fair Style Review and Award Program at the Fair Grounds Youth

Building. All clothing project members are encouraged to attend. All clothing projects are pulled from club booths on Sunday morning.

**Labor Day of Fair** - Pick up clothing projects – If you were unable to attend the fair Style Show, please pick up your clothing project from the Jr. Fair Office after 4:00 p.m.

BEGINNER PROJECTS	PROJECT REQUIREMENTS	JUDGING REQUIREMENTS	FAIR EXHIBIT
407 – ACCESSORIES FOR TEENS (for beginner teen sewers!)	Complete project book requirements. Make at least one accessory from categories listed in book. Do at least one Leadership/citizenship activity.	Model your accessory with the outfit for which it was made. Bring completed project book and pattern if you have one.	Display accessory you made.
409 – SEW FUN	Complete the project book. Make pin cushion and with fully elastic-waisted skirt, Shorts, pants, or capris from an “easy” or “beginner” pattern.	Bring completed project book and wear fully elastic-waisted skirt, shorts, pants, or capris you made.	Display garment you made.
410 – DESIGNED BY ME	Complete the project book. Decorate/embellish a T-shirt, sweatshirt, button down shirt, or a simple jacket and add at least two embellishment methods to show your style	Bring completed project book, and decorate/embellished item. Please wear item made and Coordinate with accessories for a “total look”.	Display garment.
413 – SUNDRESSES & JUMPERS	Plan and make a sundress or jumper with or without a top. Complete project book requirements.	Bring and wear sundress or jumper, with or without a top. Accessorize for a total look, completed project book, pattern envelope.	Display garment you made.
419 – TERRIFIC TOPS	Select a <u>pattern</u> and make a top. Collect and organize needed equipment. Complete project book and do at least two leadership /citizenship activities.	Model the top you made and the coordinating garments for the total look. Bring your pattern and complete project book.	Display garment you made.

INTERMEDIATE PROJECTS	PROJECT REQUIREMENTS	JUDGING REQUIREMENTS	FAIR EXHIBIT
411 – em-bel-lish: A 4-H GUIDE TO WEARABLE ART	Complete all 10 activities and 3 journal pages, at least one embellished garment, and other project book requirements.	Bring completed project book, completed notebook with at least 3 samples of embellishment techniques you tried and embellishment(s) on at least one garment.	Display embellished garment.

412 - SEW FOR OTHERS	Study the clothing needs and preferences of another person and construct one complete garment for that person or adapt three different garments for a person with special needs. Member must keep records and evaluate the results. The 4-H member may match for the Style Revue. Members must select a different category each year taken.	It is desirable, but not required, for person you made or adapted the outfit for to wear it for judging. Complete the outfit with accessories for the "total look". Bring project book and records showing how the needs of the person were met.	Display garment you made.
415 – READY, SET, SEW ACTIVE!	Complete requirements listed in the project book. Make at least one garment in an outfit assembled for active sports.	Model your active sportswear outfit. Also bring completed project book and pattern used.	Display garment you made.
418 – LOUNGEWEAR	Plan and make the loungewear outfit to wear for lounging (usually at home before bedtime). Make or select other garments and accessories to complete your outfit. Pajamas can be this project made.	Model the loungewear made and garments/accessories made or selected to complete the outfit. Bring completed project book and pattern used.	Display garment you made.
424 – CLOTHING FOR MIDDLE SCHOOL (For ages 10-14)	Complete requirements listed on page 5 of project book. Make (a) at least one garment with sleeves or (b) a two-piece garment: a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top with or without sleeves. Assemble a total outfit featuring the garments made to wear to school.	Model your complete outfit featuring the garment(s) you made. Bring completed project book and pattern.	Display garment(s) you made.
430 – SHOPPING SAVVY (i) – For members with some clothing experience.	Follow the project book and complete all the required activities and assemble an outfit including accessories.	Be dressed in a total look outfit assembled according to the information in your project to convey the image you wish. The youth will be judged on mastery of project book rather than outfit worn unless the outfit was put together to complete an activity within the project. Bring completed project book; be prepared to discuss your experiences.	Visuals or exhibit from judging.

ADVANCED PROJECT	PROJECT REQUIREMENTS	JUDGING REQUIREMENTS	FAIR EXHIBIT
406 – CLOTHES FOR HIGH SCHOOL & COLLEGE (for grades 9 & up as of Jan. 1 of current year)	Construct an outfit with a minimum of two pieces, or a one-piece garment with sleeves, plus some other style detail not tried before.	Wear completed outfit and accessories, bring completed project book, pattern, and any other activities completed.	Display garment you made.

408 – CREATIVE COSTUMES	Complete requirements listed on pages 4-5 of project book. Plan, make, and accessorize a costume from one of the categories listed on page 4.	Be prepared to discuss your experiences. Wear and model your complete costume. Bring project book/records and pattern. You will be judged on the mastery of your project book in addition to your garment constructed.	Display garment(s) you made.
417 – DRESS UP OUTFIT	Make at least one dress-up garment with two or more new experiences (zipper, sleeves, new trim, or fabric) to be worn as part of a total dress up outfit	Model a complete dress-up outfit. Bring completed project book and pattern.	Display garment(s) you made.

420 – OUTERWEAR FOR ANYWHERE	Complete requirements listed in the project book. Make an outerwear garment such as a coat, jacket, raincoat, cape, or other simil(vests will not be accepted).	Wear and model your outerwear garment with a complete outfit. Bring project book and pattern.	Display garment you made.
425 – LOOK GREAT FOR LESS	Complete requirements listed in project book. Put together a total look outfit spending the least amount of money. This project will <u>not</u> involve sewing.	Wear the “total look” outfit you put together as inexpensively as possible. The total look includes clothing, accessories, jewelry, shoes, etc. It is acceptable to use an item or two from those you already own but remember this is a shopping project and the majority of your total look should be items purchased using skills you've learned while doing this project. Bring completed poster, pages or visual showing completed activities	Display your total look outfit.
426 – CLOTHING FOR YOUR CAREER	Complete requirements listed on page 4 in project book. Make a 2-piece outfit appropriate for work (suit, uniform, or work outfit). Do at least 2 alteration recycling experiences & compare costs.	Model your two-piece outfit with appropriate accessories. Bring pattern, completed project book, record of interview experience and examples of alteration/ recycling.	Display the garments you made.
431M – CLOTHING MASTER	Complete project book and records including interview, budget, and photos. Construct one garment or clothing accessory.	Wear garment or clothing accessory made with a total look outfit. Bring pattern and completed project book.	Display the garment or clothing accessory made.
432M – SEWING AND TEXTILES MASTER (Non-clothing, county winner selected only)	Complete project book and records including interview, budget, and photos and at least one non-clothing fabric item.	Bring completed project book & at least one item constructed in their project as well as any other items.	Display one item constructed.



## COLLECTING

496 – MY FAVORITE THINGS (b, state fair selection possible)

JUDGING: Bring completed project book and bring display representing learning experience.

EXHIBIT: It is not recommended that you display your collectibles, prepare an educational display of pictures for the fair booth.

Judging: July 17<sup>th</sup>

If Selected, Possible State Fair Judging Date: Thursday, July 27<sup>th</sup>



## DISCOVERING 4-H

91 – DISCOVERING 4-H (b, possible county award)

JUDGING: All activities in 9 interest areas. Project summary. Bring your completed project book and an educational display.

EXHIBIT: Exhibit educational display. Display should be at least a 14" x 22" educational poster.

Judging: July 17<sup>th</sup>



## DOGS

### 200 – ALL ABOUT DOGS (b, state fair possible judging July 28th)

PROJECT: *All About Dogs* is a new project in 2017 for beginning level members who are not ready to take a 4-H dog project that requires owning a dog.

JUDGING: Bring project record book (200) completed as possible and an educational display which should be at least a 14" x 22" educational poster to judging held on **July 17th**. DO NOT BRING A DOG.

EXHIBIT: Enter and exhibit a 14" x 22" educational poster.

### 201D – YOU AND YOUR DOG (b, i, a, state fair possible judging July 28th)

PROJECT: Designed for a first-year dog project member.

JUDGING: Bring project record book (201) completed as possible and an educational display which should be at least a 14" x 22" educational poster to judging held on **July 17th**. DO NOT BRING DOG.

EXHIBIT: Enter and exhibit a 14" x 22" educational poster.

### 201O - OBEDIENCE (Enter on Jr. Fair Entry, state fair possible entry due June 20)

PROJECT: The member is required to have physical possession of the project animal by **April 1**. **Dog must meet all state health requirements and present veterinarian certificate at fair judging (more information at Extension Office)**. The member is required to be physically involved daily in watering, feeding, and caring of their project animal. **See state website for additional information** (state fair entry due June 20<sup>th</sup>)

JUDGING/EXHIBIT: **Enter and exhibit obedience dog in obedience class at Morrow Co. Jr. fair, entry due June 7<sup>th</sup>.**

### 201P – PERFORMANCE (state fair possible entry due June 20)

PROJECT: Agility, drill team and other performance events. See 201O for guidelines.

### 201S – SHOWMANSHIP (b, i, a, state fair possible entry due June 20)

PROJECT: The member is required to have physical possession of the project animal by **April 1**. **Dog must meet all state health requirements and present veterinarian certificate at fair judging (more information at Extension Office)**. The member is required to be physically involved daily in watering, feeding, and caring of their project animal. **See state website for additional information** (state fair entry due June 20)

JUDGING/EXHIBIT: **Enter and exhibit their dog at the Morrow County fair, entry due June 7<sup>th</sup>.** The exhibitor will participate in an interview about their dog project. Questions will be taken from the Dog Resource Handbook. The handler and dog will perform handling skills learned, see Dog Resource Handbook for information.

### 201W – WORKING DOGS (state fair possible entry due June 20)

PROJECT: Assistance dogs, canine companions for independence, etc. See 2100 for guidelines.



## ELECTRICITY

### 527 - MAGIC OF ELECTRICITY, Level 1 (b, possible state fair selected)

**PROJECT:** Have fun doing activities and experiencing the magic of electricity. This project may be repeated to complete all the activities. Activities should be done in order.

**JUDGING:** Bring completed project book (At least 7 activities per year) and a display of a completed activity from the project book to demonstrate for the judge. Use the same book for 1-3 years.

**EXHIBIT:** Enter and display and finished item.

### 528 – INVESTIGATING ELECTRICITY, Level 2 (i, possible state fair selected)

**PROJECT:** Digging deeper into the science of electricity. Activities should be done in order.

**JUDGING:** Bring completed project book (at least 7 activities per year) and a display of a completed activity from the project book to demonstrate for the judge. Use the same book for 1-3 years.

**EXHIBIT:** Display and finished item(s).

### 529 – WIRED FOR POWER, Level 3 (i, possible state fair selected)

**PROJECT:** Tools, amount of electricity used, is the wire live: are a few things you will learn in this project. Activities should be done in order.

**JUDGING:** Bring project book completed (at least 7 activities per year), and a display of a completed activity from the project book to demonstrate for the judge. Use the same book for 1-3 years.

**EXHIBIT:** Display and finished item(s).

### 530 – ENTERING ELECTRONICS, Level 4 (a, possible state fair selected)

**PROJECT:** This is the last book in the electricity project series. You will have fun exploring the fundamentals of electronics.

**JUDGING:** Bring project book completed (at least 7 activities per year), and a display of a completed activity from the project book to demonstrate for the judge. Use the same book for 1-3 years.

**EXHIBIT:** Display and finished item(s).

### 531 – SCIENCE FUN WITH ELECTRICITY, (b, possible state fair selected)

**PROJECT:** Great kid friendly project for the beginner. This project requires additional supplies.

**JUDGING:** Bring project book completed and a display of a completed activity from the project book to demonstrate for the judge.

**EXHIBIT:** Display and finished item(s).

**Judging: July 18<sup>th</sup>**

**Possible State Fair Judging Date: July 29th**



## FISHING

623 – OUTDOOR ADVENTURE: BEGINNER FISHING (b, possible state fair selected)

See project 624 for exhibit guidelines.

624 – OUTDOOR ADVENTURE: INTERMEDIATE FISHING (i, possible state fair selected)

**JUDGING:** Bring your project book materials and your exhibit to judging. Be prepared to answer questions about your project book, your exhibit, and learning activities in which you participated.

**EXHIBIT:** Exhibit a display or at least a 14" x 22" educational poster representing a learning experience from this project.

**Judging:** July 17<sup>th</sup>

**Possible State Fair Judging Date:** Aug 5th



## FOOD AND NUTRITION

459 – LET'S START COOKING (b, possible state fair selected)

JUDGING: 1. Bring completed project book. 2. Participant will need to understand and explain the My Plate Food Guide in your book and/or at <https://www.choosemyplate.gov/> 3. Bring a **"Portfolio"** that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. Interest/Activity Areas are: -How Does Your Plate Rate? -Safety First Equipment Check -Decoding Recipes -Measuring Mastery -Slicing and Dicing Practice -Microwave Know-How - Stove Top and Oven Use 101

**NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display book and portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 3<sup>rd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



461 - LET'S BAKE QUICK BREADS (i, possible state fair selected)

PROJECT: Complete project guidelines of the Quick Breads project book.

JUDGING: 1. Bring completed project book. 2. Participant will need to understand and explain the MyPlate Food Guide in your book and/or at info can be found on <http://www.choosemyplate.gov/> 3. Bring a **"Portfolio"** that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following -What Makes Grains Great - Digging into Wheat -Putting It All Together -Mixing It Up -Equipment Experiment -Gluten-Free Baking - Tweaking Recipes for Your Health -Careers in the Kitchen. NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display project book and portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**





462 - YEAST BREADS ON THE RISE (a, possible state fair selected)

Advanced Level, 14 and older and recommended that Quick Breads be taken before this project

PROJECT: Complete the section of the Yeast Breads project book based on the 1<sup>st</sup> or 2<sup>nd</sup> year of taking this project.

JUDGING: 1. Bring completed project book to judging. Be prepared to demonstrate any activities in the project book. 2. Participant will need to understand and explain the MyPlate Food Guide or more info can be found on <http://www.choosemyplate.gov/>. 3. Bring a **"Portfolio" that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio.** There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: FIRST YEAR (see page 6) -MyPlate -Ingredients in Bread Products - Career Options -Methods of Mixing Yeast Breads -Bread Dough Basics -Traditional Method -Sponge Dough Method -Batter/No Knead Method -Mixer Method -Bread Machine Method SECOND YEAR (see page 40) -MyPlate -Ingredients in Bread Products -Methods of Mixing Yeast Breads -Bread Dough Basics -Career Options -Mixing Method #1 -Mixing Method #2 -Mixing Method #3 (optional) -Mixing Method #4 (optional) -Mixing Method #5 (optional) NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display project book and portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 1<sup>st</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**





463 – SPORTS NUTRITION: READY SET GO (i, possible state fair selected)

Intermediate Level 11 -13 years

PROJECT: Complete the project book as directed in the Member Project Guidelines.

JUDGING: 1. Bring completed project book as directed. Be prepared to discuss what you have learned and demonstrate any knowledge gained through the project book. 2. Participant will need to understand and explain the My Plate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov> . 3. Bring a **“Portfolio”** that is project specific to the participant’s book. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -The Three Parts of Physical Fitness -Exercise and Your Heart Rate -Eating and Burning Calories -How Nutrients Help Performance -Finding Hidden Water for Hydration NEW- A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display project book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



467 – COOKING ON MY OWN (a, possible state fair selected)

Advanced Level, 14 - 18 years

**JUDGING:** 1. Bring completed project book. Also bring recipes if used to judging. Be prepared to demonstrate any activities completed for this project. 2. Participant will need to understand and explain the MyPlate Food Guide. More info can be found on <http://www.choosemyplate.gov/>. 3. Bring a **"Portfolio"** that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. A food item may be brought for display/presentation only, but not required. One page per Activity/Interest Areas for the following: **-Kitchen Safety -Timing is Everything -Be a Pro with Proteins -Whole Grain Goodness -Snack Central -One-Dish Wonders -What's for Dinner?** - A food item may be brought for display/presentation only, but not required.

**EXHIBIT:** Display Project book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 1<sup>ST</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



469 – THE GLOBAL GOURMENT (a, possible state fair selected)

One time project, 14 or older with 3 or more years' experience

PROJECT: Follow all guidelines in the Member Project Guide exploring seven different countries.

JUDGING: 1. Bring completed project book. Also bring other recipes, if used. Be prepared to demonstrate any activities listed in project book. 2. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov>. 3. Bring a "Portfolio" that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Mexico -Africa -Japan -India -Italy -Greece -German NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display project book and Portfolio

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 1<sup>ST</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



472 – GRILL MASTER (I, mg, possible state fair selected)

Intermediate Level, 11 -13 years

PROJECT: Complete the project book following the project guidelines.

JUDGING: 1. Bring completed project book. Be prepared to demonstrate any knowledge gained from the project book.

2. Participant will need to understand and explain the MyPlate Food Guide Flyer

<http://www.choosemyplate.gov>. 3. Bring a **"Portfolio"** that is project specific to the participant's book.

This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Sizing Up Servings -Ready, Set, Grill -Other Equipment Essentials -Secret Ingredients: Sauces and Marinades -Grilling Fruits and Vegetables -The Final Skill Trial: Grilling Off-Site

NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Project Book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

<https://ohio4h.org/nonlivestockguidebook>



474 – BEYOND THE GRILL (a, mg, possible state fair selected)

PROJECT: Complete the project book following the project guidelines.

JUDGING: 1. Bring completed project book. Be prepared to demonstrate any knowledge gained from the project book.

2. Participant will need to understand and explain the MyPlate Food Guide Flyer

<http://www.choosemyplate.gov>. 3. Bring a **"Portfolio"** that is project specific to the participant's book.

This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Pack Up and Go-Safely -Cowboy Up with a Campfire -Catch Some Rays and Cook -Go Lean and Know Your Temps -Proteins – Meat and More -Party Time -Dutch Over Treasures

**NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Project Book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 1<sup>st</sup>. Detailed info. available at a later date.**

<https://ohio4h.org/nonlivestockguidebook>



475 -STAR SPANGLED FOODS (i, possible state fair selected)

Intermediate level, 12-14 years

PROJECT: Prepare all foods suggested in the book. Complete the project book.

JUDGING: 1. Bring completed project book. 2. Be prepared to demonstrate knowledge gained through the project. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.choosemyplate.gov>. 3. Bring a **"Portfolio"** that is project specific to the participant's book. This is a 3-pronged folder that includes 8 ½" x 11" pages. The participants will create a maximum of one page (one-sided only) per "activity area" or "interest area" as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Wild West Burgers -Star Spangled Salads -Yankee Snickerdoodles -Indian Beans -Country Breakfast -Breakfast Down on the Farm -Jambalaya -Chocolate Dessert  
**NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Project Book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**Possible State Fair Dates: August 2<sup>nd</sup>. Detailed info. available at a later date. <https://ohio4h.org/nonlivestockguidebook>**





476 – KITCHEN BOSS (a, possible state fair selected)

Advanced level, 14 years or older

**PROJECT:** Explore a variety of new experiences to gain a basic understanding of culinary arts. Career exploration and advanced recipes are included.

**JUDGING:** 1. Bring completed project book. 2. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.choosemyplate.gov>. 3. Bring a **“Portfolio”** that is **project specific to the participant’s book**. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should **NOT** be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas in the book.

**NEW** - A food item may be brought for display/presentation only, but not required.

**EXHIBIT:** Project book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 1<sup>st</sup>. Detailed info. available at a later date.**

<https://ohio4h.org/nonlivestockguidebook>



477 – PARTY PLANNER: A 4-H GUIDE TO QUALITY COOKING (i, possible state fair selected)

PROJECT: Prepare all foods suggested in the book. Complete the project book.

JUDGING: 1. Bring completed project book. Be prepared to demonstrate knowledge gained through the project. 2. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.choosemyplate.gov/> 3. Bring a **“Portfolio”** that is project specific to the participant’s book. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Sleepover Nutrition Hunt -Recipe Makeover -Show Me the Money! -MyPyramid: All Mine (My Plate) -Perfect Timing -Crowd Pleasers -Picnic in the Parking Lot - Scoring Points with Burgers NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Project Book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

<https://ohio4h.org/nonlivestockguidebook>





481– Everyday Food and Fitness (b, possible state fair selected)

PROJECT: Complete the project book as directed in the Member Project Guidelines.

JUDGING: 1. Bring completed project book as directed. 2. Be prepared to discuss what you have learned and demonstrate any knowledge gained through the project book. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov>.

3. Bring a **“Portfolio”** that is project specific to the participant’s book. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: --Choose My Plate for a Healthier You -Going with the Grains -Eat the Rainbow -Get Fruity with your Food -Pass the Cheese, Please -Get Growing with Proteins -Get Moving for Life

EXHIBIT: Display project book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 3<sup>rd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



484 – SNACK ATTACK! (b, possible state fair selected)

Beginner level, 8-11 years

PROJECT: Complete the project book as directed in the Member Project Guidelines.

JUDGING: 1. Bring completed project book as directed. 2. Be prepared to discuss what you have learned and demonstrate any knowledge gained through the project book. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov>. 3. Bring a **“Portfolio”** that is project specific to the participant’s book. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: **-Exploring MyPyramid (My Plate) -Is It Snack Time Yet? -Digging for Grains -Color Hunt -Got Dairy? -Protein Protection -Not-So-Hidden Calories NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display project book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 3<sup>rd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



485 – RACING THE CLOCK TO AWESOME MEALS ( i, state fair selected)

Intermediate level, 11 -13 years

PROJECT: Complete the project book as directed.

JUDGING: 1. Bring completed project book. 2. Bring a “Portfolio” that is project specific to the participant’s book.

This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style 3. Be prepared to discuss what you have learned and demonstrate any knowledge gained through the project book. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov/> In portfolio one page per Activity/Interest Areas for the following: -MyPyramid: The Starting Block (My Plate) -Jump Start Your Day -Pastabilities -Super Soups -Planed Overs -Equipment Helpers -Overcoming Hurdles NEW - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display Portfolio and project book

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



486 – DASHBOARD DINING: A GUIDE TO HEALTHFUL FAST FOOD CHOICES (I, possible state fair selected)

Intermediate level, 11 -13 years

PROJECT: Complete the project book.

JUDGING: 1. Bring completed project book. 2. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov/>  
3. Bring a “Portfolio” that is project specific to the participant’s book. This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style. One page per Activity/Interest Areas for the following: -Rating Your Hunger -Eating the Right Portions -Making Healthful Choices -Selecting Nutrient Rich Foods -Designing Your Meals -Comparing Fast Food to Homemade Food -Checking for Restaurant Cleanliness **NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Project Book and Portfolio.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 2<sup>nd</sup>. Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



487 – TAKE A BREAK FOR BREAKFAST (b, possible state fair selected)

Advanced beginner: For youth who have completed at least one other beginning level project.

PROJECT: Complete all the project guidelines and planning your project section in the project book.

JUDGING: 1. Bring completed project book. 2. Bring a **“Portfolio”** that is project specific to the participant’s book.

This is a 3-pronged folder that includes 8 ½” x 11” pages. The participants will create a maximum of one page (one-sided only) per “activity area” or “interest area” as designated in the front of their project books. These pages could be in collage, journaling, timeline, photo, or any other format that would illustrate the work and knowledge of the participant. Each page could be different or could be a combination of styles allowing the 4-Her to reflect on their learning experience. Completed project book should NOT be part the Portfolio. There will be no points for scrapbooking style 3. Participant will need to understand and explain the MyPlate Food Guide Flyer <http://www.ohio4h.org/publications/> More info can be found on <http://www.choosemyplate.gov>. In portfolio one page per Activity/Interest Areas for the following: **See project book**

**NEW** - A food item may be brought for display/presentation only, but not required.

EXHIBIT: Display Portfolio and project book.

**Judging: July 18<sup>th</sup> Afternoon**

**State Fair Date: August 3<sup>rd</sup> . Detailed info. available at a later date.**

**<https://ohio4h.org/nonlivestockguidebook>**



## COUNTY FOOD PROJECTS

### **1. EASY AS PIE (a, possible county winner)**

JUDGING: Bring:

1. Completed project book based on age guidelines.
2. Pie
3. 14" x 22" poster or display on pie making.

Portfolio **not** required for project.

EXHIBIT: Educational poster

### **2. CANDY (I, possible county winner)**

PROJECT GUIDELINES: Make at least 1 type of candy from each section. A, B, C, I,II,III

Fill out the Member's Record Sheet.

JUDGING: Bring:

1. Completed project book. Using above guidelines.
2. Bring at least one example of product made.
3. Recipe file if you used recipes other than in the book.
4. 14" x 22" educational poster of something learned or products made.

Portfolio not required for project.

EXHIBIT: Display 3 pieces of product made.

### **3. COOKIES (b, possible county winner)**

JUDGING: 1. Bring an example of product made to judging. Example: plate of four pieces of one type of cookie. Cannot bring a no-bake cookie for judging.

2. Completed project book

3. 14" x 22' educational poster or display of something learned.

Portfolio not required for project.

EXHIBIT: Display a plate of four cookies made.

**Judging for all these projects is: July 18<sup>th</sup> Afternoon**

## FAMILY HISTORY

### 442 - FAMILY HISTORY TREASURE HUNT (X mg, possible state fair selected)

**PROJECT:** Discover your family history. This project may be repeated.

**JUDGING:** Bring completed project book and the following:

- Research Journal (1st and 2nd year participants only)
  - Treasure Hunter's Kit (1st and 2nd year participants only)
  - One 3-ring notebook (items applicable to present year's project only) including the following:
    - Annual essay
    - Pedigree Chart
    - Individual Data Sheets
    - Family Group Sheets
    - Correspondence Log (may be included in Research Journal for 1st and 2nd year participants)
    - Research Log (may be included in Research Journal for 1st and 2nd year participants)
    - Research Plan
    - Copies or scanned images of supporting documents (birth, marriage, death records, obituaries, church records, military records, court records). Supporting documents should include source citations.

**\*\*All years** should **not** bring computer, videos, tape recorder, photo albums, frame photos, family heirlooms, or knick-knacks.

**EXHIBIT:** Display visuals of work done through project.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging date if selected: July 27<sup>th</sup>**





## GARDENING

### 671 – HOW DOES YOUR GARDEN GROW (b, possible state fair selected)

**JUDGING:** Bring complete project book (this will vary depending on year project is being taken and type of garden (container and/or ground) and a photo record from beginning to end as required in project book. Members should also bring at least a 14" x 22" educational display. Participants are not required to bring planters.

**EXHIBIT:** Exhibit and display any part of this project.

### 673 – EDIBLE LANDSCAPES (i, possible state fair selected)

**JUDGING:** Bring completed project book and a display representing their learning experience of the current project. Should be at least a 14" X 22" Poster.

**EXHIBIT:** Display

### 691 – GROW YOUR OWN VEGETABLES I (b, possible state fair)

**JUDGING:** Bring completed project book and any vegetables grown (4 varieties is ideal) and a photo portfolio of your educational experiences.

**EXHIBIT:** Exhibit a tray of specimens of vegetables the member has grown.

### 692 - GROWING WITH THE SEASONS (I, possible state fair)

**JUDGING:** Bring completed project book, any vegetables grown and a photo portfolio of your educational experiences.

**EXHIBIT:** Exhibit specimens of different varieties of vegetables the member has grown (3 varieties ideal). They may exhibit fruits or vegetables they canned also. A photo portfolio maybe used as well.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date: August 5<sup>th</sup>**





## GEOLOGY

612 – GEOLOGY: CAN YOU DIG IT? (a, mg, possible state fair selected)

**JUDGING:** Bring completed project record book and your completed exhibit. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project, and quality of your project display. Display should be at least a 14"x22" sheet of poster board.

**EXHIBIT:** Exhibit project book and display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date: August 5**



## GUN SAFETY

630 - SAFETY WITH GUNS (b, possible state fair selected)

**JUDGING:** Bring your project book materials and your exhibit to judging. Be prepared to answer questions about your project book, your exhibit, and of learning activities in which you participated. **Do not bring any firearms or ammunition or casings.**

This project is required to be taken with first year shooting sports group projects. You also must enter and be judged on it along with your group shooting sports project (700's).

**EXHIBIT:** Exhibit an educational display representing the learning experience through this project. Display should be at least a 14" x 22" poster. **No firearms or casings.**

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date: August 4th**



## HEALTHY LIVING

### 300 – You're the Athlete (i, for members 11 to 14, possible state fair selected)

**JUDGING:** Bring finished project book, with the following completed: 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 and My Season Highlights. Bring Educational Display of something you learned or about your learning experiences the display can be at least a 14"x 22" poster.

**EXHIBIT:** Exhibit educational display.

### 351 – STAYING HEALTHY (b, possible state fair selected)

**PROJECT:** Explore your body and learn how to keep it healthy. Be sure to follow the directions and complete Step 1 through Step 4.

**JUDGING:** Bring your completed project book and an educational display about one or more things you learned. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long.

**EXHIBIT:** Enter and exhibit educational display.

### 352 – KEEPING FIT (i, possible state fair selected)

**PROJECT:** To complete the project following the guidelines outlined under the Planning Your Project in the project book.

**JUDGING:** Bring your completed project book and an educational display containing any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

**EXHIBIT:** Educational display.

### 353 – FIRST AID IN ACTION (b, possible state fair selected)

**PROJECT:** Ideal for 3<sup>rd</sup> – 5<sup>th</sup> graders. Learn about first aid and create a first aid kit. Be sure to follow the guidelines under the Planning Your Project in the project book.

**JUDGING:** Bring completed project book and an educational display with your family first aid kit. Display should contain at least a 14" x 22" educational poster and kit and no longer than 36" long.

**EXHIBIT:** Display first aid kit and educational display.

### 354 - MEDICINE SCIENCE AND SAFETY (b, possible state fair selected)

**JUDGING:** Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

**EXHIBIT:** Display a 14" x 22" poster or an exhibit you made in the project.

### 355- TRACKING YOUR HEALTH AND FITNESS (I, possible state fair selected)

**JUDGING:** Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

**EXHIBIT:** Display a 14" x 22" poster or an exhibit you made in the project.

### 357 - ALCOHOL AND DRUG ABUSE (A, possible state fair selected)

See project 358 for project guidelines.

### 358 – THE TRUTH ABOUT TOBACCO (a, possible state fair selected)

**PROJECT:** To complete the project following the guidelines outlined under the Project Guide in the project book.

**JUDGING:** Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

**EXHIBIT:** Display a 14" x 22" poster or an exhibit you made in the project.

### 359 – YOUR THOUGHTS MATTER (a, possible state fair selected)

**PROJECT:** To complete the project following the guidelines in the project book.

**JUDGING:** Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

**EXHIBIT:** Display a 14" x 22" poster or an exhibit you made in the project.

360 YOUR FEELINGS MATTER (b, possible state fair selected)

PROJECT: To complete the project following the guidelines in the project book.

JUDGING: Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

EXHIBIT: Display a 14" x 22" poster or an exhibit you made in the project.

434 SUPERHERO YOU (b, possible state fair selected)

PROJECT: To complete the project following the guidelines in the project book.

JUDGING: Bring your completed project book and any records, reports, posters, or exhibits you prepared as part of the project. Educational display must be at least a 14" x 22" educational poster and no larger than 36" long. Be prepared to discuss with the judge what you did and what you learned in the project.

EXHIBIT: Display a 14" x 22" poster or an exhibit you made in the project.

**All these projects Judging: July 17<sup>th</sup> Possible State Fair Judging Date: July 26<sup>th</sup>**

## HOME LIVING

### 405 – THE LAUNDRY PROJECT (b, possible state fair selected)

**PROJECT:** Complete all 11 activities and Talking It Over questions, At least 2 learning experiences, At least 2 leadership/citizenship activities.

**JUDGING:** Bring completed project book and display (visuals and records). Display must be at least a 14"X22" poster.

**EXHIBIT:** Educational Display

### 491 – IT'S MY HOME (b, possible state fair selected)

**PROJECT:** Complete the learning activities as you read through the project book.

**JUDGING:** Bring completed project book. Bring a display representing your learning experience. Display must fit into a 3 X 3 ft. floor area or 3 ft. of table space.

**EXHIBIT:** Display and project book.

### 494 – MAKEOVER SPACE (l, possible state fair selected)

**PROJECT:** To complete this project do all 10 activities and 4 Talking It Over pages, at least 2 learning experiences and at least 2 leadership/citizenship activities.

**JUDGING:** Bring completed project book, visuals (an exhibit of items from the project, or pictures, etc.) and your project records to show your project accomplishments according to the requirements in the project book. Display must fit in a 3 ft. area or 3ft. table.

**EXHIBIT:** Display visual, articles from judging.

### 495 - YOUR FIRST HOME AWAY FROM HOME (a, possible state fair selected)

**JUDGING:** Bring completed project book, an exhibit (items selected or made for your first home, or records, pictures, etc.) showing how they've used the knowledge, ideas and principles related to housing, furnishings, management, and equipment in planning their first home away from home and be prepared to answer questions about your work, as well as information in the project book. Display must fit in a 3ft. area or 3ft. table.

**EXHIBIT:** Display items made or purchased for the project.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date: July 27<sup>th</sup>**



## HORSES

173 - HORSELESS HORSE (b, grades 3 and 4<sup>th</sup>, possible County Winner Selected)

PROJECT: The member will study horses without owning one. Younger members must take this project under the guidance of an adult. The member should have access to a horse to complete this project and are expected to help at a 4-H sponsored horse show, qualifying horse show, or county fair horse show. **Members taking this project are not permitted to participate in a Jr. Fair or 4-H Horse Show Event.**

JUDGING: Bring completed project book and a 14" x 22" educational poster.

EXHIBIT: Enter and exhibit a 14" x 22" educational poster.

**Judging: July 17<sup>th</sup>**



## INSECTS

644 – INSECT ADVENTURES 1 (b, possible state fair selected)  
See 646 for instructions.

645 – INSECT ADVENTURES (i, possible state fair selected)  
See 646 for instructions.

646 – INSECT ADVENTURES 3 (a, mg, possible state fair selected)

**JUDGING:** Bring completed project record book and your completed exhibit. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project, and quality of your project display. Display should be at least a 14"x22" sheet of poster board.

**EXHIBIT:** Exhibit project book and display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date: August 5**





## LEADERSHIP

### 370 – MENTORING: LEADERSHIP IN ACTION (a, possible state fair selected)

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something made or learned (it can be a 14" x 22" educational poster or photo display of activities). Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 371 - CLUB LEADERSHIP 1 (i, possible state fair selected)

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something you learned (it can be a 14" x 22" educational poster). Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 372 – DIVERSITY; THE SOURCE OF OUR STRENGTH (a, possible state fair selected)

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something you learned (it can be a 14" x 22" educational poster). Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 373 – MY HANDS TO LARGER SERVICE; TEEN LEADERS BUILDING OUR COMMUNITIES (a, possible state fair selected)

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something you learned (it can be a 14" x 22" educational poster). Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 374 – TEENS ON BOARD (i, possible state fair selected)

PROJECT: This project is designed for teens who serve on or who are interested in serving on boards or committees.

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something you have learned. Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 375 – LEADERSHIP ROAD TRIP: WHERE ARE YOU GOING or 375i (i, possible state fair selected)

PROJECT: This project is designed for teens wanting to learn what it takes to become a good leader? Complete all activities following the guidelines.

JUDGING: Bring completed project book or electronic device for iBook version, any activity sheets, records, and a physical display of something you have learned. Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

### 376 – PANTRY PANIC (A, possible state fair selected)

JUDGING: Bring completed project book and an educational display (at least a 14" x 22" poster) about something you have learned. Display is limited to 36" wide by 24" deep space.

EXHIBIT: Educational display.

### 377 – FINDING YOUR VOICE: PUBLIC SPEAKING MADE EASY (b, possible state fair selected)

JUDGING: Bring completed project book and an educational display (at least a 14" x 22" poster) about something you have learned. Display is limited to 36" wide by 24" deep space.

EXHIBIT: Educational display.

### 378M – LEADERSHIP MASTER (a, possible state fair selected)

JUDGING: Bring completed project book and an educational display (at least a 14" x 22" poster) about something you have learned. Display is limited to 36" wide by 24" deep space.

EXHIBIT: Educational display.

### 383 - CLUB LEADERSHIP 2(a, possible state fair selected)

JUDGING: Bring completed project book, any activity sheets, records, and a physical display of something you learned (it can be a 14" x 22" educational poster). Display is limited to 36" wide by 24" deep space.

EXHIBIT: Display an educational exhibit you made.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date If Selected: July 30**

## MONEY MANAGEMENT

### 445 - BECOMING MONEY WISE (b, possible state fair selected)

For youth ages 10 to 13. Use the same book for 1-2 years

**JUDGING:** Bring completed project book for year/level. You will only be expected to complete one level each year. Be able to answer money management questions. Bring all records, record books, and account books used. Make at least a 14" x 22" educational poster. Maximum size 24" x 36". The poster may be a standard sized science fair, tri-fold poster with a maximum size of 24" x 36" when folded.

**EXHIBIT:** Display educational poster.

### 448 - TEENS ON THE ROAD TO FINANCIAL SUCCESS (a, possible state fair selected)

For youth ages 14 to 19. Use the same book for 1-2 years

**JUDGING:** Bring completed project book for year in project. Bring all records used. Make an education display of at least a 14" x 22" educational poster. Maximum size 24" x 36". The poster may be a standard sized science fair, tri-fold poster with a maximum size of 24" x 36" when folded.

**EXHIBIT:** Display poster or display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: July 27<sup>th</sup>**



## OUTDOORS

611 – EXPLORE THE OUTDOORS (b, possible state fair selected)

**JUDGING:** Bring completed project book and your completed exhibit about something you learned. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project and quality of your project display.

**EXHIBIT:** Prepare an exhibit on a display board at least 14"x22"

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: August 5<sup>th</sup>**



## OHIO BIRDS

621- OHIO BIRDS (b, mg, possible state fair selected) Use book 1-2 years

**JUDGING:** Bring completed project book and your completed exhibit. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project, and quality of your project display. It is important that you **don't collect** bird feathers, dead birds, bird skeletons, or nests. Many birds are protected by law and it is illegal to have possession of any part of the bird.

**EXHIBIT:** Exhibit an educational display about something you learned in the project and about the feeder you made,

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: August 5<sup>th</sup>**



## PHOTOGRAPHY

### 584 – PHOTOGRAPHY BASICS, BOOK 1 (b, possible state fair selected) Use same book 1-3 years!

JUDGING: Bring Completed Project Book and

Bring one of the following three items:

- A single print of any size mounted at the discretion of the participant; or
- A collection of prints illustrating a "Photo Story", consisting of at least five and not more than ten photographs mounted at the discretion of the exhibitor; or
- A collection of prints illustrating one of the "activities" the participant completed for the project, consisting of at least five and not more than ten photographs, mounted at the discretion of the participant.

Participants may also bring any other materials they feel might demonstrate their learning experiences from the current project year (although participants are not required to do so). Photochemical developing and printing may be done by the participant but is not required.

EXHIBIT: Display any of photos or collection.

### 585 – NEXT LEVEL PHOTOGRAPHY, BOOK 2 (i, possible state fair selected) Use same book 1-3 years!

JUDGING: Completed Project Book, and one of the following items:

- A single print of any size mounted at the discretion of the participant; or
- A single print illustrating an "enlargement," which shall consist of an enlargement print, mounted at the discretion of the participant, and accompanied by the original size print; or
- A collection of prints illustrating one of the "activities" the participant completed for the project, consisting of at least five and not more than 10 photographs mounted at the discretion of the exhibitor; or
- A single original print illustrating a "News Story", which shall be an original photo mounted at the discretion of the exhibitor and accompanied by the published article.

Participants may also bring any extra materials they feel might demonstrate their learning experiences of the current project year but participants are not required to do so. Photochemical developing and printing may be done by the participant but is not required.

EXHIBIT: Display any of photos or collection.

### 586 – MASTERING PHOTOGRAPHY BOOK 3 (a, possible state fair selected) Use same book 1-3 years!

JUDGING: Bring Completed Project Book, **and bring one** of the following four items:

- One print of any size mounted at the discretion of the participant; or
- A single print illustrating an "enlargement," which shall consist of an enlargement print, mounted at the discretion of the participant, and accompanied by the original size print; or
- A collection of prints illustrating one of the "activities" the exhibitor completed for the project, consisting of at least five and not more than 10 pictures mounted at the discretion of the exhibitor; or
- A single original print illustrating a "News Story", which shall be an original photo mounted at the discretion of the participant and be accompanied by the published article.

Participants may also bring any extra materials they feel might demonstrate their learning experiences of the current project year, but participants are not required to do so. Photochemical developing and printing may be done by the participant but is not required.

EXHIBIT: Display items brought to judging.

### 589M – PHOTOGRAPHY MASTER (a, possible state fair selected)

JUDGING: Bring project book and at least (1) one print for display, mounted at your discretion, illustrating what you consider "the best" of the photographs demonstrating the area of interest you have chosen to "master" in this year's project. Here are just a few examples of types of photographic explorations that might be included in this class:

- Select a type of photography (i.e., portrait, wedding, baby, landscape, sports, fashion, etc.) and explore the skills and equipment needed to be successful. Create a portfolio that showcases the type of photography you choose.
- Create a collection of images illustrating a "picture story" or a "documentary" with print or digital images.
- Experiment with a variety of lighting intensities and angles, and apply your new knowledge to your photography.
- Learn to see in "Black and White" and explore how removing color changes the mood, focus of attention, or even attractiveness.

- Use a specialized technique, such as selective focusing or enlarging, to change an image's focal point, feel, meaning, etc.
- Learn how to use the manual settings on your camera to your advantage (i.e., nighttime photography).

Each participant may bring any extra materials the feel will demonstrate the learning experiences of the current project year but are not required to do so. Equipment to view digital images and or portfolios must be provided by the exhibitor. Be aware that Internet/WiFi service will not be available at the judging site! Images should be contained on your display devices.

Participants in this class are to bring their 589M Photography Master project books showing involvement in activities and progress made toward completing their 589M Photography Master project. It is not necessary for the exhibitor to have competed in classes J-1, J-2, or J-3 prior to entering this class. Photo editing, photochemical developing, and printing may be done by the exhibitor, and is encouraged.

EXHIBIT: Display items brought to judging.

**Judging: July 17<sup>th</sup>**

**Possible State Fair if Selected Date: July 29<sup>th</sup>**



## PET RABBITS

227 – PET RABBIT (State Fair Possible)

**PROJECT:** Rabbits entered in this project are not to be shown in **Breeding Classes and Market Classes at the fair and do not attend a Quality Assurance Session.** This project is for 4-H members whose rabbits, like dogs and cats, are their companions only. This Pet rabbit project gives youth the opportunity to exhibit their pets, as well as share their knowledge and skills about rabbits.

**JUDGING:** Members are to bring project book and an educational poster (at least 14" x 22") of something they have learned. **DO NOT BRING RABBIT!**

**EXHIBIT:** Education Poster in fair booth only. Rabbits are not to be exhibited in any jr. fair classes at the fair.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: July 28**





## POLAR SCIENCE

613 – EXPLORING POLAR SCIENCE (i, possible state fair selected)

JUDGING: Bring completed project book and an educational display (at least a 14" x 22" poster) about something you have learned.

EXHIBIT: Educational display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date If Selected: August 5<sup>th</sup>**

## PONDS

617 – EXPLORING PONDS ( i, possible state fair selected)

JUDGING: Bring completed project book and an educational display (at least a 14" x 22" poster) about something you have learned.

EXHIBIT: Educational display.

Judging: July 17<sup>th</sup>

Possible State Fair Judging Date if Selected: August 5<sup>th</sup>



## QUILT

498 QUILTING THE BEST BETTER (I, possible state fair selection)

**JUDGING: Judged at Clothing Judging July 18. Members must attend style show to display their quilt to be eligible for State Fair Selection.**

Bring finished project book and one lap quilt (as per pattern(s) provided in the project book)

**You must have completed You Can Quilt before taking this project.**

**EXHIBIT:** Exhibit quilt or quilted item you made.

499 YOU CAN QUILT ( i, possible state fair selected)

**JUDGING: Judged at Clothing Judging July 18. Members must attend style show to display their quilt to be eligible for State Fair Selection.** Bring finished project book, other project records documenting what you did in your project, and one mini quilt (as per pattern(s) provided in the project book)

**EXHIBIT:** Exhibit quilt you made.

365.05 SELF-DETERMINED QUILT ( a, possible state fair selected)

After taking You Can Quilt members are encouraged to take a Self-Determined project to make different types or learn different skills.

**JUDGING: Judged at Clothing Judging July 18. Members must attend style show to display their quilt to be eligible for State Fair Selection.** Bring finished project book, other project records documenting what you did in your project, and quilt.

**EXHIBIT:** Exhibit quilt you made.

**Judging: July 18<sup>th</sup> Afternoon**

**Possible State Fair Date if Selected: July 26<sup>th</sup>**



## ROBOTICS

### 509 – ROBOTICS ESSENTIALS – (I, possible State Fair Selected)

JUDGING: Bring completed project book and display.

EXHIBIT: Educational Display, we do not recommend you put your robot in your club booth.

### 512M – ROBOTICS MASTER (A, possible State Fair selection)

JUDGING: Bring finished project book. Be prepared to demonstrate their robot's ability to complete 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.

EXHIBIT: Educational Display, we do not recommend you put your robot in your club booth.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: July 29<sup>th</sup>**



## ROPE/ KNOTS

540 – NOT JUST KNOTS (X, possible state fair selected)

JUDGING: Bring completed project book showing involvement in and progress toward completion of their project goals. Also bring an educational display. Displays should be **less than** 48" wide, 24" deep, and 36" tall focusing on a topic of interest from the project and at least 14"X22".

EXHIBIT: Exhibit a display.

Judging: July 17<sup>th</sup>

Possible State Fair Judging Date if Selected: July 29th



## SCIENCE FUN WITH ...

### 490 – SCIENCE FUN WITH DAIRY FOODS (B, possible state fair selected)

**PROJECT:** Complete all 6 activities, at least 2 learning experiences, and at least 2 leadership/citizenship activities.  
**JUDGING:** Bring completed project book and project display describing something you have learned. Display should be at least a 14" X 22" poster.  
**EXHIBIT:** Display Project book and display.

### 493 – SCIENCE FUN WITH KICHEN CHEMISTRY (B, possible state fair selected)

**PROJECT:** Complete all 11 experiments, at least 2 learning experiences, and at least 2 leadership/citizenship activities.  
**JUDGING:** Bring completed project book and project display describing something you have learned. Display should be at least a 14" X 22" poster.  
**EXHIBIT:** Display Project book and display.

### 500 – SCIENCE FUN WITH PHYSICS (B, possible state fair selected)

**PROJECT:** Complete all 12 experiments, at least 2 learning experiences, at least 2 leadership/citizenship activities.  
**JUDGING:** Bring completed project book and project display describing something you have learned. Display should be at least a 14" X 22" poster.  
**EXHIBIT:** Display Project book and display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date if Selected: July 29**



## SCRAPBOOKING

497 - SCRAPBOOKING (X, possible state fair selected)

PROJECT: This project may be completed and repeated by completing additional activities and a new scrapbook each year.

JUDGING: Bring completed project book and records and scrapbook. Youth will be judged on quality of your presentation, overall appearance of scrapbook and clarity of scrapbook 2<sup>nd</sup> or more year project members must demonstrate advancement from previous years.

EXHIBIT: Exhibit your scrapbook.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date if Selected: July 27th**





## SELF-DETERMINED

### **365.00 GENERAL** (County Judging: July 17, State Fair Judging if Selected: August 6<sup>th</sup> - SELF-DETERMINED DAY)

- 3D Printing \*
- [Amateur Radio](#)
- [American Sign Language](#)
- [Clowning](#)
- [Computers](#)
- Disability Advocacy and Awareness (Here are the Person First Survey, the ADA-Based Safety Checklist, and the Greenhouse Activity.) \*
- [Discovering Genetics](#)
- [Local Foods—Does It Matter What You Eat?](#)
- [Model Railroading](#)
- [Music](#)
- [Skateboarding](#)
- [Viruses, Bacteria, and Fungi, Oh My!](#)

JUDGING: Bring project book and display board using a science fair size tri-board. **Members must create a display mounted on a 36" high by 48" wide cardboard tri fold display board with 12" wings. The display must include the Title of the Project, Background (historical or general information about your topic); Area of interest (areas of your project you choose to focus on); Results (what you did); and Conclusion (what you learned).**

### **365.01 COMPANION ANIMAL** (County Judging: July 17<sup>th</sup>, State Fair Judging if Selected: July 28 -COMPANION ANIMAL DAY)

- [Chinchillas](#)
- [Ferrets](#)
- [Hedgehogs](#)
- [Pigeons](#) \*\*
- [Reptiles and Amphibians](#)

\*\*Pigeons – Can be taken as a still type project use book 365 and judged on July 17

**OR** can be entered and judged as Game Birds Pair in the Jr. Fair Poultry Department, use book 100M Livestock Record Book.

PROJECT: This project is for other small animal projects that don't fit Project #220 or those listed above.

The member is required to have physical possession of the project animal by May 1. **County judging will be July 17.** Do not bring litters! Bring educational exhibit poster, and project book to judging.

EXHIBIT: Exhibit at least a 14" x 22" educational poster and your project book.

### **365.02 CREATIVE ARTS** (County Judging: July 17<sup>th</sup>, State Fair Judging if Selected: July 27<sup>th</sup> - CREATIVE ARTS DAY)

- [Miniature Gardens \(made primarily with artificial plants, figurines, etc.\)](#)
- [Paper Craft](#)
- [String Art](#)

JUDGING: Bring completed project book, art piece(s), **and educational display the member has created from his/her learning experiences. Display should be as least a 14" x 22" poster.**

EXHIBIT: Exhibit art pieces and educational display.

### **365.03 FAMILY LIFE** (County Judging: July 17<sup>th</sup>, State Fair Judging if Selected: July 27<sup>th</sup> - FAMILY LIFE DAY)

- [Babysitting](#)

JUDGING: Bring project book, educational display, and Bring photo album (max. 12"x18"x5") or 1 portfolio/box (max 24"x24"x24").

EXHIBIT: Display photo album/portfolio or educational display.

### **365.04 NATURAL RESOURCES** (County Judging: July 17<sup>th</sup>, State Fair Judging if Selected: August 5<sup>th</sup> - NATURAL RESOURCES DAY)

- [Astronomy](#)

- [Bats](#)
- [Climate Change](#)
- [Get Started with Composting](#)
- [Going Green: Learning to Lead a Sustainable Life\\*](#)
- [Crop Production](#)
- [Field to Faucet: What Determines Water Quality](#)
- [Flower Gardening](#)
- [Miniature Gardens \(made primarily with live plants\)](#)
- [Native American Artifacts: Arrowheads](#)
- [Paddle Water Sports](#)
- [Shale Gas Extraction](#)
- [Ways of Knowing Water](#)
- [Weather](#)

JUDGING: Bring completed project book, art piece(s), and educational display the member has created from his/her learning experiences. Display should be as least a 14" x 22" poster.

EXHIBIT: Exhibit book and educational display.

**365.06 WORKFORCE PREP Camp Counseling** (County Judging: July 17<sup>th</sup>, State Fair Judging if Selected, July 30 (Leadership Day)

- [Camp Counseling](#) (Here's the [Rating Scale](#).)

JUDGING: Bring completed project book, art piece(s), and educational display the member has created from his/her learning experiences. Display should be as least a 14" x 22" poster.

EXHIBIT: Exhibit book and educational display.

## SHOOTING SPORTS

**These projects are to be taken under the direction of a State 4-H Certified Instructor in Morrow County – Contact our office for more information or questions 419-947-1070!**

750-Rifle, 752- Shotgun, 753 – Pistol, 754 Hunting and Wildlife, 755 Muzzleloader, 756 Living History, 757 Crossbow

JUDGING: Bring your project book materials and your exhibit to judging. Be prepared to answer questions about your project book, your exhibit, and of learning activities in which you participated. **Do not bring any firearms or ammunition. 750-755 project members in their first year must also take “630 Safe Use of Guns”, enter this project in the Jr. Fair and be judged in their shooting sports club. All the 750-755 projects will be judged at still project judging in July.**

EXHIBIT: Exhibit an educational display on something you have learned. **No firearms or ammunition!** Display should be at least a 14” x 22” educational poster.

751 – Archery

JUDGING: Bring your project book materials and your exhibit to judging. Be prepared to answer questions about your project book, your exhibit, and learning activities in which you participated. **Do not bring bows or arrows to judging!! First time project members must also take “630 Basic Archery”, enter this project in the Jr. Fair and be judged in their shooting sports club. The 751 projects will be judged at the county judging in July.**

EXHIBIT: Exhibit an educational display about something you learned. Display should be at least a 14” x 22” educational poster. No bows or arrows!

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date if Selected: August 4<sup>th</sup>**

## SMALL ANIMALS

### 215 – CAVY PROJECT - (X, state fair selection possible)

PROJECT: The member is required to have physical possession of the project animal by May 1. The member is required to be physically involved daily in watering, feeding, and caring of their project animal. Bring educational exhibit poster and completed project book to judging.

EXHIBIT: Exhibit at least a 14" x 22" educational poster and your completed project book.

### 220 – POCKET PETS PROJECT - (X, state fair selection possible)

PROJECT: This project is for gerbils, hamsters, mice, rats.

\*\* See project 215 for guidelines.

### 365 – SELF DETERMINED COMPANION ANIMAL - (X, possible state fair selection)

PROJECT: This project is for other small animal projects that don't fit Project #220

The member is required to have physical possession of the project animal by May 1. Bring educational exhibit poster, and project book to judging.

EXHIBIT: Exhibit at least a 14" x 22" educational poster and your project book.

**Judging: July 17**

**Possible State Fair Judging Date if Selected: July 28**



## SMALL ENGINES

541 - CRANK IT UP (b, possible state fair selected) **Use the same book for 1-3 years**

JUDGING: Bring at least:

1. Project book completed.
2. Educational display of a completed activity from the project book.

EXHIBIT: Enter and exhibit display.

542 - WARM IT UP (i, possible state fair selected) **Use the same book for 1-3 years**

PROJECT: The second book in a series about small engines. It is recommended to complete "541, Crank It Up" first.

JUDGING: Bring at least:

1. Project book with at least 7 main activities completed.
2. Educational display of a completed activity from the project

EXHIBIT: Enter and exhibit display.

543 - TUNE IT UP (A, possible state fair selected) **Use the same book for 1-3 years**

PROJECT: The third book in a series about small engines. It is recommended to complete Projects 541 and 542 first.

JUDGING: Bring at least:

1. Project book with at least 7 main activities completed.
2. Your portfolio
3. A project exhibit derived from one of the activities contained in your project manual.

EXHIBIT: Enter and exhibit display.

544 – READY SET, ...MOW! (A, possible state fair selected)

PROJECT: Complete all 13 activities and Talking It Over questions

JUDGING: Bring at least:

1. Project book completed.
2. A project exhibit derived from one of the activities contained in your project manual.

EXHIBIT: Enter and exhibit display.

**Judging: July 17**

**Possible State Fair Judging Date if Selected: July 29**



## SMALL EQUINE

1. Small Equine is defined as 38 inches or shorter when measured at the base of the last hairs of the mane. (Uniform Rules for 4-H Horse Shows, pg. 10). 4-H/FFA Small Equine can be female or gelding – no stallions. **Small Equine will be disqualified at fair if they do not measure 38 inches or less.**
  2. Members wishing to participate in the 4-H/FFA Small Equine program and Jr. fair show can be members of a 4-H Horse & Pony Club **OR a general 4-H Club and FFA chapter. (Riding horses will still need to be part of a 4-H Horse and Pony Club or FFA chapter)**
  3. **Small Equine project members** are not eligible for riding horse awards and scholarships sponsored by the 4-H Horse and Pony Committee.
  4. Members in this project must:
    - A. Enroll in a 4-H or FFA Horse Project
    - B. Complete Equine Record Book 190R
    - C. Bring equine to measuring/body condition check at fair
    - D. Complete online EquiSTEP education program
    - E. Complete and turn in all Horse/Pony Identification and Permission Forms – Due June 1
    - F. Make an Entry (s) on the Jr. Fair Entry Form
    - G. Participate in Horse Skillathon
    - H. Optional – Make a Sr. Fair Entry – Due Aug. 1
    - I. Notify the Horse and Pony Committee to be stalled in the Jr. Fair Horse & Pony Complex or the Draft Horse Club to be stalled in the Sr. Fair Draft Barns by skillathon.
  5. Fair – Small Equine Project must pass Body Condition Scoring held next to 4-H Horse Barn prior to stalling. Not meeting a body score of 4 or higher is cause for dismissal from fair. "Uniform Rules for 4-H Horse Shows, pg. 11, 36. Because of animal welfare concerns and the image that 4-H want to present, horses with a body condition score of less than a 4 (ribs easily discernable, tops of spinous process easily discernable, tail head prominent with hook bones easily discernable, withers accentuated, and neck obviously thin), obviously sick horses, and horses with a Grade of 3 or greater lameness (consistently observable at the trot; marked nodding, hitching, or shortened stride; and minimal weight bearing in motion or at rest) should not be allowed at 4-H shows. The show manager, show vet if available, or the judge can dismiss a horse from the show for these reasons."
  6. Small Equine Project members will need to pay required \$25 sponsorship by August Skillathon. Small Equine Projects/Members are encouraged to participate in classes held in the 4-H Horse Area only if Small Equine Projects are **not** shown by nonmembers on Thursday.
- All 4-H and FFA youth must wear proper helmet at any 4-H/FFA/Jr. Fair equestrian activity while riding or driving according to the Uniform Rules for 4-H Horse Shows.
- The Uniform Rules for 4-H Horse Shows will be the rulebook used at all events/shows. This book may be purchased at the OSU Extension Office.

## SOLAR ENERGY

550 – YOUNG ENGINEERS IN SOLAR ENERGY (i. mg. possible state fair selected)

JUDGING: Bring completed project record book and your completed exhibit. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project, and quality of your project display. Display should be at least a 14"x22" sheet of poster board.

EXHIBIT: Exhibit project book and display.

Judging: July 17<sup>th</sup>

Possible State Fair Judging Date: July 29th





## TRACTOR AND MACHINERY OPERATION

### 551 – TRACTOR 1: STARTING UP (b, possible county winner selected)

PROJECT: Great for youth with little or no prior agriculture tractor and equipment experience.

JUDGING: Bring project book with required completed activities and any other materials you have done to make an educational display. Display should include at least a 14"x 22' poster.

EXHIBIT: Display book and educational display.

### 552 – TRACTOR 2: GEARING UP FOR SAFETY (l, possible county winner selected)

PROJECT: This project builds on Tractor 1.

\*\* See project 551 for guidelines.

### 553 – TRACTOR 3: MOVING OUT (l, possible county winner selected)

PROJECT: Designed for youth with some experience.

\*\* See project 551 for guidelines.

### 554 – TRACTOR 4: LEARNING MORE (a, possible county winner selected)

PROJECT: Designed for the advanced member with tractor equipment experience.\*\* See project 215 for guidelines.

**Judging: July 17**



## TRAPPING MUSKRATS

622 – TRAPPING MUSKRATS IN OHIO (i, possible state fair selected)

**JUDGING:** Bring completed project book based on year in project (may take two years to complete) and your completed exhibit based on what you have learned. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project, and quality of your project display.

**EXHIBIT:** Exhibit a display or at least a 14" x 22" educational poster showing what you have learned from one or more of the activities you completed in the project book.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date if Selected: August 5<sup>th</sup>**



## TREES

620 – WHY TREES MATTER (b possible state fair selected)

**JUDGING:** Bring completed project book and your completed exhibit based on activities completed. Exhibit should be at least a 14" x 22" poster. Be prepared to discuss all aspects of the project. You will be judged on your knowledge, presentation of the project and quality of your project display.

**EXHIBIT:** Exhibit display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date if Selected: August 5<sup>th</sup>**



## VETERINARY SCIENCE

244 – VET 1, FROM AIREDALES TO ZEBRAS (b, possible state fair selected) **Use the same book 1-3 years**

PROJECT: Member may take three years to complete entire project book. Each year member is required to complete at least the minimum directions on page 4 of the project book.

\*\*See project 246 for project guidelines.

245 – VET 2, ALL SYSTEMS GO (i, possible state fair selected) **Use the same book 1-3 years**

PROJECT: Member may take three years to complete entire project book. Each year member is required to complete at least the minimum directions on page 4 of the project book.

\*\*See project 246 for project guidelines.

246 – VET 3, ON THE CUTTING EDGE (a, possible state fair selected) **Use the same book 1-3 years**

PROJECT: Member may take three years to complete entire project book. Each year member is required to complete at least the minimum directions on page 4 of the project book.

JUDGING: Be prepared to discuss your project and specifically, the information on your exhibit. Bring exhibit and project book completed (depending on year in project).

EXHIBIT: Prepare a display showing important points of one unit of your member's book. Should be at least a 14" x 22" educational poster.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Judging Date if Selected: tentative July 28<sup>th</sup>**



## WELDING

573 - ARCS AND SPARKS (i, possible state competition selected)

PROJECT: This is a beginning level project designed for 12 years of age and older. Complete the project guidelines on Page 4 and 5 of your project book. **Must use Shielded Metal Arc Welding**

JUDGING: Bring:

- Completed project book for this year
- one of the recommended projects in the project book
- one other welding project of the member's choice. For large projects member should be able to wheel the project on a dolly by him/herself and be no larger than 6 ft. x 6 ft. x 3 ft. or may be moved with help and no larger than 8 ft. x 8 ft. x 20 ft.

EXHIBIT: Display two items made.

**Judging: July 17<sup>th</sup>**

**Possible State Judging Competition Date: July 28<sup>th</sup>**



## WOODWORKING

### **556 - MEASURING UP** (b, mg, +, possible state fair selected)

JUDGING: Bring completed project book.

- A member **may** take the project for up to 3 years before advancing.

- The member must complete and exhibit one project. The project may be based on plans from the 4-H project book or a project **of similar size and scope** from any other plan.

- Allowable Tools: **This is strictly a HANDHELD tool project: regardless of age!** It can be taken for up to three years, but it remains a **"HANDHELD tool project!"**

- The "designated adult helper" may dimension lumber to correct width. They may also advise and assist so long as the member does at least **90%** of the project work.

- Any non-power tools may be used.

- The following power tools may be used only with proper safety instruction and under direct supervision of the "designated helper." - **Power hand sanders, oscillating belt sander, power drills, jigsaw, scroll saw**

EXHIBIT: Display item made and project book.

### **557 - MAKING THE CUT** (i, mg, possible state fair selected)

JUDGING: Bring completed project book. A member **may** take the project for up to 3 years before advancing.

**PROJECT SPECIFIC RULES:** Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of **similar size and scope** from any other plan.

**Allowable Tools:** All tools in Project 556 Plus the following power tools may be used **only with proper safety instruction and under direct supervision of the "designated helper."**

**Power miter saw, thickness planer, table saw, cordless trim saw, drill press, power nailing devices, power sander, band saw, biscuit joiner, pocket screw joints** **PLEASE NOTE THAT ROUTER, SHAPER, AND LATHE WORK IS NOT ALLOWED**

The "designated adult helper" may advise and demonstrate so long as **the member does 100% of the project work**. Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of **similar size and scope** from any other plan.

EXHIBIT: Display item made and project book.

**Judging for these projects is: July 17<sup>th</sup>**  
**Possible State Fair Judging Date: July 31<sup>st</sup>**

**558 - NAILING IT TOGETHER (a, mg, possible state fair selected)**

JUDGING: Bring completed project book. Complete and exhibit one constructed project. 2. A member **may** take the project for up to 3 years before advancing.

**PROJECT SPECIFIC RULES:**

- **Project Requirements** (based on State Fair guidelines)
  - Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of similar size and scope from any other plan.
- **Allowable Tools** (based on State Fair guidelines)
  - The “designated adult helper” may advise and demonstrate so long as **the member does 100% of the project work.**
  - The following power tools, in addition to the tools listed in Projects 556. 557. may be used **only with proper safety instruction** and under direct supervision of the “designated helper”

**Shaper, radial arm saw, lathe, router/router table, dovetail jig, joiner**

EXHIBIT: Display item made and project book.

**559 - FINISHING UP (a, mg, possible state fair selected)**

JUDGING: Participants should exhibit a project which shows they have learned how to properly use tools in its creation. A member may use all non-power and power tools **if they have safety instructions & supervised by a knowledgeable adult.** Project should demonstrate the member has increased their knowledge and skills over previous projects. Also bring completed project book. Project should show creativity, proper joinery technique, good layout, and design. Projects might include intarsia, carvings, marquetry, lathe work, original designs and antique furniture reproductions.

EXHIBIT: Display item made and project book.

**560M WOODWORKING MASTER (a, possible state fair selected)**

JUDGING: Bring a project that should show creativity. Bring completed project book and project based on skills learned in project book. Project should show creativity, proper joinery technique, good layout & design. Projects might include intarsia, carvings, marquetry, lathe work, original designs, and antique furniture reproductions.

EXHIBIT: Display item made.

**Judging for these projects is: July 17<sup>th</sup>**  
**Possible State Fair Judging Date is: July 31<sup>st</sup>**



## WORKFORCE PREPARATION

### 365.06 WORKFORCE PREP The Work World Is Calling...Are You Ready? (a, possible state fair selected)

JUDGING: • Completed the Self-Determined Workforce Development Project Guide. • Must bring a paper copy portfolio or digital portfolio to expand on your project knowledge. Pick a career of interest and research the skills, experiences, and education needed. • Must bring a paper copy of a cover letter and resume applying to the select job in Activity 2.

EXHIBIT: Exhibit book and educational display.

### 382 – AM I READY FOR WORK (i. possible state fair selected)

JUDGING: • Completed project book. • Must prepare a 30 second elevator speech to recite to the judge. An elevator speech is a clear, brief message or “commercial” about you. It communicates who you are, what you’re looking for and how you can benefit a company or organization.

Srs. (14-19 as of Jan 1) Must also bring a paper copy of a generalized cover letter and resume.

EXHIBIT: Display Project book and digital display.

### 386 – YOU’RE HIRED! (a, possible state fair selected)

JUDGING: - Bring Completed project book. • Bring a display (i.e, digital, trifold, portfolio, etc.) that shows the process you experienced to get hired in your job and how this job will better you in the future. You must provide your own technology if you choose you use it. • Youth should dress appropriately for the job you’re employed at (i.e. work uniform).

EXHIBIT: Display Project book and digital display.

### 387 – HERE, THERE, AG CAREERS ARE EVERYWHERE (a, possible state fair selected)

JUDGING: - Bring Completed project book. • Bring a paper copy portfolio or digital portfolio to expand on your project knowledge. Pick an agricultural career of interest and research the skills, experiences, and education needed. Refer to Activity 2: Career Field Map. Members using technology are responsible for bringing their own laptop/tablet. • Also bring a paper copy of a cover letter and resume applying to the selected job in Activity 2: Career Field Map.

EXHIBIT: Display Project book and digital display.

**Judging: July 17<sup>th</sup>**

**Possible State Fair Date is August 2<sup>nd</sup>**

## WRITING

588 – THE WRITER IN YOU (i, a, possible county winner selected)

PROJECT: Poems and stories must be your own. Any material copied from magazines, books, or newspapers, will be disqualified. Complete the Member project guidelines.

JUDGING: Writing Portfolio is due to the Extension Office June 30 with interview judging on July 17. Keep project book and bring it with you to judging.

EXHIBIT: Display portfolio.

**Judging: July 17<sup>th</sup>**

