Creative Project Guidelines

2026

- **Bring completed project and project book and participate in a personal interview.**
- **All projects must be brought to the Junior Fair Building for display on Wednesday, July 8, 4-7:00 p.m. (Excludes gardening & crops projects.)**
- **All projects eligible for awards must be on exhibit at the fair in the Junior Fair Building by 7:00 p.m. the Wednesday before fair and stay in the Junior Fair Building until the last Saturday of fair at 9:00 a.m. (Please check the Jr. Fair Schedule for release time.)**
- **Read Junior Fair Rules.**

Notification

The Style Revue, Clothing Awards, Foods & Nutrition Awards & General Awards Presentations will be held with the Queen Recognition on Sunday during the fair.
Please check the Junior Fair Schedule and the project guidelines for specific line up and awards presentation times.

Science, Technology, Engineering & Math (STEM)

Bicycles

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Bicycling for Fun, Level 1 (517-B)
Project Requirements - **Grade 3** - Learn safe bicycling practices; how to operate a bicycle; basic maintenance; and traffic laws. Complete at least 7 activities in the book.
Judging Requirement: Prepare an educational exhibit, poster or model of some aspect of bike safety or other principles learned in the project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Wheels in Motion, Level 2 (518-I)
Project Requirements- Ages 9-12 - Learn about buying a bike; bike parts; bike maintenance; proper bike operation; cautious driving and traffic manners.
Judging Requirements - Prepare an educational exhibit, poster or model on some aspect of bike safety or operation learned in the project; participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.
Optional Supplement for Bicycle Projects

Supplement for Bicycle
The *Bicycle Helper's Guide* is for helpers who are working with the Bicycle Adventures series (517-518). Available from the National 4-H Source Book and at www.4-Hmall.org.

Biology

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Biology, Microscope Mysteries (489-I)
Project Requirements - Learn how microscopes work and use the origami-inspired paper microscope, Foldscope, to explore the tiny worlds.
Judging Requirement: Prepare an educational exhibit, poster or model of microscopic observation or other principles learned in the project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Electricity

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Magic of Electricity, Level 1 (527-B) (State competition)
Investigating Electricity, Level 2 (528-I) (State competition)
Science Fun with Electricity (531-B) (State competition)

Project Requirements - Complete project book.
Judging Requirements - Completed project book and a project exhibit that represents your level of understanding and ability within the project. The project exhibit must be derived from one of the activities, experiments or plans contained in the project book. 4-H'ers will be interviewed on their project knowledge and skills. They may also be asked to demonstrate, show or explain the project. Members are responsible for supplying the necessary equipment and supplies to aid in the operation of the project.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Helper Supplement for Electricity
The *Electric Group Helper's Guide* is for helpers. Available from the National 4-H Source Book and at 4-Hmall.org.

Energy

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

550 Young Engineers in Solar Energy (550-I) (State competition)

Project Requirements - Complete project book.
Judging Requirements - Completed project book and a project exhibit that represents your level of understanding and ability within the project. The project exhibit must be derived from one of the activities, experiments or plans contained in the project book. 4-H'ers will be interviewed on their project knowledge and skills. They may also be asked to demonstrate, show or explain the project. Members are responsible for supplying the necessary equipment and supplies to aid in the operation of the project.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Robotics

- **Judging: Wednesday, July 8, 10 a.m. Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Robotics Essentials (509-I) (State competition) (New 2023)
Project Requirements - Complete project book.
Judging Requirements - Completed project book and a project exhibit that represents your level of understanding and ability within the project. Members may choose from two recommended platforms (LEGO® SPIKE® or VEX®) to learn what a robot is, how to build one, and how to program it. See ohio4h.org/ robotics for details. A computer for running the programming software and internet access for watching videos are required.
4-H'ers will be interviewed on their project knowledge and skills. Members may also be asked to demonstrate, show or explain the project. Members are responsible for supplying the necessary equipment and supplies to aid in the operation of the project.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board. The project exhibit must be derived from one of the activities, experiments or plans contained in the project book.

Robotics Master (512-A) (State competition)
This project is for members who want to continue with robotics after completing the existing Ohio 4-Hrobotics projects or who want to explore robotics with a different platform(not LEGOS®). Members of any age may complete this project, but should have previous robotics experience (comparable to what is required for other advanced-level 4-H projects), and be able to plan and complete the project on their own with minimal supervision. 2013. Available at www.ohio4h.org/publications.
Project Requirements - Complete project book.
Judging Requirements - Completed project book and a project exhibit that represents your level of understanding and ability within the project. The project exhibit must be derived from one activity, experiment or plan. 4-H'ers will be interviewed on their project knowledge and skills. They may also be asked to demonstrate, show or explain the project. Members are responsible for supplying the necessary equipment and supplies to aid in the operation of the project.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Food Science

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Science Fun with Dairy Foods: The Case of the Missing Milk (490-B) *(State competition)*
Project Requirement – do the activities listed in the book.
Judging Requirement – be prepared to discuss the four project experiments conducted. Bring completed book to judging and one product from the experiments.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Chemistry

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Science Fun with Kitchen Chemistry (493-B) *(State competition)*
Project Requirement –Complete all 11 experiments, participate in at least two learning experiences, become involved in at least two leadership/citizenship activities and complete the project review
Judging Requirement – be prepared to discuss the results of experiments and activities. Bring completed book to judging and one product from the experiments.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Physics

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Science Fun with Physics **(500-B)** *(State competition)*
Project Requirement – do the activities listed in the book.
Judging Requirement– be prepared to discuss the results of experiments. Bring completed book to judging.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Aerospace Science

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Rockets Away (501-B) (2-liter Bottles) (State competition)
Project Requirements
1. Complete guidelines in project book.
2. Study the science of rocketry through hands-on experiments including building and launching a two-liter bottle water rocket.

Judging Requirements - completed project book, educational display representing 4-H'ers learning experience in project and participate in personal interview.
Exhibit Requirements – Bring bottle rocket and a poster/science board for fair display.

Science of Flight (502-B) (State competition)
Juniors - ages 13 and under
Seniors - ages 14 and up
Project Requirements
1. Complete guidelines in project book.

Experiment with the forces of flight by building and flying a model airplane or glider.
Judging Requirements - completed project book, educational display representing 4-H'ers learning experience in project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Rockets Away (503-B) (State competition)
Juniors - ages 13 and under
Seniors - ages 14 and up
Project Requirements
1. Complete project book
2. Study the science of rocketry through hands-on experiments including building and launching an **Estes-type** rocket from scratch or a kit.

Judging Requirements-completed project book, educational display representing 4-H'ers learning experience in project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Solid-Fuel Rocketry Master (503M-A) (State competition)
This project is for advanced members who have completed 503 Rockets Away! —Solid-Fuel Model Rockets and who want to continue to develop specialized skills. Members of any age may complete this project, but they should have significant experience in rocketry (comparable to what is required for other advanced-level 4-H projects) and be able to plan and complete the project on their own with minimal supervision or assistance. Available at www.ohio4h.org/publications.
Project Requirements
1. Complete project book
2. Study the science of rocketry through hands-on experiments including building and launching an Estes-type rocket from scratch or a kit.

Judging Requirements-completed project book, educational display representing 4-H'ers learning experience in project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Young Engineers in Space: Mission in Microgravity (549-I) (State competition)
Juniors - ages 13 and under
Seniors - ages 14 and up
Project Requirements
1. Complete project book
2. Study the physical and biological sciences. Explore how conditions in space are different than conditions on Earth.
Judging Requirements-completed project book, educational display representing 4-H'ers learning experience in project and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Knots

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Not Just Knots (540-X) (State competition) (Revised 2016)
Project Requirements
1. Complete project book. (Complete all 17 activities, and all of the Talking It Over questions. Participate in at least two learning experiences and at least two leadership/citizenship activities. Complete project review.
Judging Requirements
1. Bring completed project book.
2. Bring an exhibit derived from one of the project book activities that represents your level of understanding and ability.
3. Participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Small Engines

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Crank It Up, Level 1 (541-B) (State competition)
Project Requirements
1. Complete seven activities in project book.
Judging Requirements
1. Bring completed project book.
2. Bring an exhibit derived from one of the project book activities that represents your level of understanding and ability.
3. Participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Warm It Up, Level 2 (542-I) (State competition)
Project Requirements

1. Complete seven activities in project book.

Judging Requirements

1. Bring completed project book.
2. Bring an exhibit derived from one of the project book activities that represents your level of understanding and ability.
3. Participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Tune It Up, Level 3 (543-A) (State competition)

Project Requirements

1. Complete seven activities in project book.

Judging Requirements

1. Bring completed project book.
2. Bring an exhibit derived from one of the project book activities that represents your level of understanding and ability.
3. Participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Ready, Set,…Mow! (544-A) (State competition) (New 2023)

Project Requirements

1. Complete seven activities in project book.

Judging Requirements

1. Bring completed project book.
2. Bring an exhibit derived from one of the project book activities that represents your level of understanding and ability.
3. Participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Helper Supplement for Small Engines

The *Small Engines Helper's Guide* is for volunteer leaders looking for ideas to make meetings fun and educational. All levels. Available from the National 4-H Source Book and at https://shop4-h.org/.

Tractor and Machinery Operation

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Tractor Series

Level B: Tractor Operations: Gearing Up for Safety, Level B (552-I)
Level C: Moving Out: Learning About Your Tractor and Farm Machinery, Level C (553-I)
Level D: Learning More: Learn About Agricultural Tractors and Equipment, Level D (554-A)
National Safe Tractor and Machinery Program, Student Manual (561-A)

Project and Exhibit Requirements for Tractor Series

1. Complete the project book.
2. Perform exercises & lessons suggested in project book.
3. Take certification tests. (Optional for 14–15-year-olds)

Exhibit Requirements - prepare an educational display or poster on one topic in the project book; participate in a personal interview.

All-Terrain Vehicles (ATV)

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

ATV Safety (555-X)

Project and Exhibit Requirements

1. Complete project book

2. Make an educational poster display on ATV Safety.
3. Enrollment in an ASI Rider Course is recommended.

Exhibit Requirements - prepare an educational display or poster on one topic in the project book; participate in a personal interview.

554GPM ATV Safety, Leader's Guide
Available online at ohio4h.org/bookresources 2011.

Welding

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Arcs and Sparks (573-I) (State competition)
Project Requirements - Designed for ages 12 and up. Younger members may take this project under the guidance of a knowledgeable adult. Exhibitors can compete in Junior or Senior division.

1. Complete the project guidelines found in on pg. 3 of the project book.
2. Build at least two weldments/items and bring BOTH to judging.

Judging Requirements

1. 1 page report
2. Complete project book
3. Complete the project guidelines found in on pg. 3 of the project book.
4. Build at least two weldments/items and bring BOTH to judging; one from the recommended projects in the project book and one from an optional design that is easily transported.
5. Participate in personal interview.

Exhibit Requirements: Exhibit ONLY one weldment/item built.

Healthy Living

- **Judging: Wednesday, July 8, 10:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**
- Juniors - ages 13 and under
- Seniors - ages 14 and up

You're the Athlete (300-I) (State competition)
Staying Healthy (351-B) (State competition)
First Aid In Action (353-B) (State competition)
Medicine Science and Safety (354-B) (State competition)
Tracking Your Health and Fitness (355-I) (State competition)
Relationships 101 (356-I) (State competition)
Alcohol and Drug Abuse (357-A) (State competition) (Revised 2016)
The Truth About Tobacco (358-A) (State competition) (Revised 2016)
Your Thoughts Matter: Navigating Mental Health (359-A) (State competition) (New December 2017)
Your Feelings Matter (360-B) (State competition) (New 2023)
Superhero You (434-B) (State competition) (New November 2021)

Project Requirements – Complete project book.
Judging Requirements – Completed 4-H project book, educational exhibit representing the learning experiences of the project and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Horseless Horse (173-B)

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Please see horse guidelines at clinton.osu.edu for additional project options and equine mentor opportunities.

Horseless Horse (173-B)
Project Requirements

1. Participate in a 4-H horse club by attending meetings, working in project book and riding.
2. Make exhibit at county fair from one of the 20 different horse-related subjects found in the project book.
3. Attend county fair horse show

Judging Requirements – Bring completed book, display, and participate in personal interview.
Exhibit Requirements – Exhibit an educational display or poster on some aspect of the horse project.

Leadership & Citizenship

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

4-H Around the Globe (92-I) (State competition)
Mentoring: Leadership in Action (370-A) (State competition)
Club Leadership 1 (371-I) (State competition)
Diversity: The Source of Our Strength (372-A) (State competition)
My Hands to Larger Service: Teen Leaders Building Our Communities (373-A) (State competition)
Leadership Road Trip: Where Are You Going? (375-I)
Pantry Panic: An Advanced-Level Food Project for Community-Minded Youth (376-A) (State competition)
Leadership Master (378-M) (State competition)
Club Leadership (383-A) (State competition)
Local Government: Answer the Call (State competition)

Project Requirements – Complete project book.
Judging Requirements – Bring completed book, display and participate in personal interview.
Exhibit Requirements – Completed project book and an educational display that represents your level of understanding and ability within the project.

Communications

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Finding Your Voice: Public Speaking Made Easy (377-B) (State competition)

Project Requirements – Complete project book.
Judging Requirements – Bring completed book, display and participate in personal interview.
Exhibit Requirements – Completed project book and an educational display that represents your level of understanding and ability within the project.

Creative & Leisure Arts

Cake Decorating

- **Judging: Saturday, July 11, Fairground, Peterson Building**
  Senior 9:00 a.m. Check in at 8:30 a.m.
  - **Beginner Skill Level**
  - **Intermediate Skill Level**
  - **Advanced Skill Level**

  Junior 10:00 a.m.-Check in at 9:30 a.m.
  - **Beginner Skill Level**
  - **Intermediate Skill Level**
  - **Advanced Skill Level**

  1:00 p.m. Photography, Scrapbooking, Cakes, Quilts & Creative Arts Awards-Peterson

- **Decorated Cake Projects can be put on display prior to fair during the Junior Fair Set Up, July 8, 4-7:00 p.m. or brought to judging on Saturday, July 11.**
- **Decorated Cakes are the only Fine Arts project that can be put on display prior to fair during the Junior Fair Set Up, July 8, 4-7:00 p.m. OR brought to judging on Saturday, July 11.**
- **Member may drive up to the Junior Fair Building for cake decorating project drop off ONLY.**

Age divisions:
Juniors: 8-13 years old
Seniors: 14-18 years old

Cake Decorating & Record Book (492)
Cake Decorating Beginning
Cake Decorating Intermediate
Cake Decorating Advanced

Participants will need to declare their skill level upon arrival for pre-fair judging. Please use the project book as a resource when determining appropriate skill level. Once a member moves into a skill level they must stay there until they advance their decorating skills and move to the next skill level.

Project Requirements
At least 5 learning activities
At least 2 learning experiences
At least 2 leadership/citizenship activities
Record of decorating skills and techniques
Project and cake records
Project summary and review
Junior (8-13): Beginner Skill Level, Intermediate Skill Level and Advanced Skill Level
Seniors (14-18): Beginner Skill Level, Intermediate Skill Level, and Advanced Skill Level

Judging Requirements - Prepare a decorated cake. Participate in a personal interview and complete project book. Participants may bring materials or a display to demonstrate their learning experiences for the current project year. Members need to be able to explain and/or show how to bake a cake for decorating. Prepare a real cake or styrofoam cake.

Exhibit Requirements: A decorated real or styrofoam cake.
Cakes must be left on display in the Junior Fair Building after judging.

Optional Supplements
492R Cake Decorating Resource Handbook

Collecting

- **Judging: Wednesday, July 8, 10 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

My Favorite Things-Collectibles (496-B) (Revised 2014) (State competition)
Project Requirements
1. Complete the Planning Your Project section in the project book.
2. Explore all interest area activities in the project book.
3. Complete project book.

Judging Requirements – Prepare an exhibit or display of one collection for county fair. Participate in a personal interview.
Exhibit Requirement - Prepare an exhibit or display of one collection.

Fine Arts

- **Judging, Saturday, July 11, Fairground, Peterson Building**
  - **Junior, (8-13 years)**
  - **Senior, (14-18 years)**

9:00 a.m.	**Creative Arts & Quilts Judging-Junior-Peterson Bldg**
10:00 a.m.	**Scrapbooking, Creative Arts & Quilts Judging-Senior- Peterson Bldg**
1:00 p.m.	**Photography, Scrapbooking, Cakes, Quilts & Creative Arts Awards-Peterson Bldg**

- **Project must be put on display prior to fair during the Junior Fair Set Up, July 8, 4-7:00 p.m.**
- **Decorated Cake is the only Fine Arts project that can be put on display prior to fair during the Junior Fair Set Up, July 8, 4-7:00 p.m. OR brought to judging on Saturday, July 11.**

Quilting the Best Better (498-I) (State competition)
Project Requirements - Complete project book. Member must have completed You Can Quilt (499-I).
Judging Requirements – Use the half-square triangle method to make a lap quilt. December 2014. Bring completed project book to judging along with any records and project activity to demonstrate member's project knowledge and participate in an interview.
Exhibit Requirements – Lap quilt

You Can Quilt! (499-I) (State competition)
Project Requirements - Complete project book.
Judging Requirements – Choose from two patterns to make a mini quilt. Bring completed project book to judging along with any records and project activity to demonstrate member's project knowledge and participate in an interview.
Exhibit Requirements – Mini quilt

Seeing Through Graphic Design (593-I) (State competition)
Project Requirements - Complete project book.
Judging Requirements – Bring project portfolio, completed project book to judging along with any records and project activity to demonstrate member's project knowledge and participate in an interview.
Exhibit Requirements – Project portfolio

Get Started in Art (592-X) (State competition)
Age divisions:
Juniors: 8-13 years old
Seniors: 14-18 years old

- One overall Jr. and one overall Sr. award. Placings are at the discretion of the judges.
- Members will be interviewed and evaluated on their knowledge of elements, principles and techniques used in their creative arts project as found on pages 9-18 in project book, their understanding developed through their project work and their ability to express themselves in the interview. The member's project evaluation will be based on knowledge and understanding of the elements, principles and techniques of design 40%, project exhibit 40%, and interview/project book 20%.
- Members are required to have their project book at judging.
- Members must complete and bring to judging one project.
- Projects can be original or made from kits.

Photography

- **Judging, Saturday, July 11, Fairground, Peterson Building**
- **Only one print will be exhibited.**
- **Multiple prints maybe brought to judging.**
- **Judging**
  - **Junior, (8-13 years)**
  - **Senior, (14-18 years)**

9:00 a.m. Photography Basics, Book 1 Junior & Senior Judging-Peterson
10:00 a.m. Next Level Photography, Book 2 & Mastering Photography, Book 3 Junior & Senior Judging-Peterson
1:00 p.m. Photography, Scrapbooking, Cakes, Quilts & Creative Arts Awards-Peterson

a. Photographs will be evaluated on story telling ability, photographic ability, mounting, captions (optional) and knowledge.
b. All mounted prints will be identified by printing project name and 4-Her's name in lower right hand corner on the back of the exhibit.
c. All prints are to be mounted and **ready to hang with eye or wire.**
d. Members are encouraged to complete all the exercises in the project book.
e. Members should label any additional materials they bring to judging.
f. The member must have taken photograph(s) exhibited after the preceding year's county fair.
g. Project winners will compete for overall photography winner and state fair selection.

Photography Basics, Book 1 (584-B) (State competition)
Beginner level – Recommended for ages 8-10 or older. This project should not be repeated.
Exhibit Requirements– Bring **one** of the following:
1. One print mounted sealed and ready to hang OR
2. A collection of prints illustrating a "Photo Story", consisting of five to ten photographs **within a single frame**, OR
3. A collection of prints illustrating one of the activities the exhibitor completed for the project, consisting of five to 10 photographs **within a single frame**.

Participants may bring to judging other materials they feel demonstrate their learning experiences for the current project year. The member may not do developing and printing from film.

Learn how to use your digital or film camera to take quality pictures and how to evaluate them before and after you take them. The comprehensive introduction to the world of photography covers camera settings, lighting techniques, and composition skills. Fixed lens, or "point and shoot," cameras are OK.

Next Level Photography, Book 2 (585-I) (State competition)
Intermediate level – ages 11-14. Project #584 should be taken first. This project may be repeated.
Exhibit Requirements –Bring **one** of the following:

1. One print mounted and ready to hang (including Photo Statuette or Panorama) OR
2. One print illustrating an "enlargement" which shall consist of an enlargement print mounted accompanied by the original print OR
3. A collection of prints illustrating a "Photo Story", consisting of five to 10 photographs **within a single frame**, OR
4. A collection of prints illustrating a "News Story" consisting of an original mounted photo and accompanied by the published article **within a single frame**.

Participants may bring to judging other materials they feel demonstrate their learning experiences for the current project year. The member may do developing and printing from film.
Practice different techniques in lighting, image focus, and composition. Learn how to get quality candid pictures, action shots, and creative artistic images. Improve your photography skills with assignments that require creativity, problem-solving,
patience, and practice. Need film or digital, adjustable lens camera.

Mastering Photography, Book 3 (586-A) (State competition)
Advanced level - 14 Yrs. Old & Older. Project #584 should be taken first. Project may be repeated.
Exhibit Requirements – Bring **one** of the following:

1. One print mounted and ready to hang OR
2. One print illustrating an "enlargement" which shall consist of an enlargement mounted print accompanied by the original print OR
3. A collection of prints illustrating one of the activities the exhibitor completed for the project, consisting of five to 10 photographs **within a single frame**, OR
4. One original print illustrating a "News Story", consisting of an original mounted photo and accompanied by the published article **within a single frame**.

Participants may bring to judging other materials they feel might demonstrate their learning experiences for the current project year. The member may do developing and printing from film.
Choose a theme and take photos that display your mastery of camera equipment, lighting techniques, and unusual composition. Create a professional portfolio that demonstrates your proficiency in a photography career area. Need film or digital, adjustable lens camera.

Photography Master (589M-A) (State competition)
The Photography Master project is for members who want to make a photography project in a category that is different from other 4-H photography project categories or that requires specialized or professional-level skills beyond those typically used in other 4-H photography projects. Members of any age may complete this project but should have previous photography experience (comparable to what is required for other advanced-level 4-H photography projects), and be able to plan and complete the project on their own with minimal supervision or assistance. Available at www.ohio4h.org/publications.
Exhibit Requirements – Bring **one** of the following:

1. One print mounted and ready to hang OR
2. One print illustrating an "enlargement" which shall consist of an enlargement mounted print accompanied by the original print OR
3. A collection of prints illustrating one of the activities the exhibitor completed for the project, consisting of five to 10 photographs **within a single frame**, OR
4. One original print illustrating a "News Story", consisting of an original mounted photo and accompanied by the published article **within a single frame**.

Participants may bring to judging other materials they feel might demonstrate their learning experiences for the current project year. The member may do developing and printing from film.
Choose a theme and take photos that display your mastery of camera equipment, lighting techniques, and unusual composition. Create a professional portfolio that demonstrates your proficiency in a photography career area. Need film or digital, adjustable lens camera.

Scrapbooking

- **Judging, Saturday, July 11, Fairground, Peterson Building**
    1. **Junior, (8-13 years)**
    2. **Senior, (14-18 years)**

10:00 a.m. **Scrapbooking Junior & Senior Judging-Peterson**
1:00 p.m. **Photography, Scrapbooking, Cakes, Quilts & Creative Arts Awards-Peterson**

Scrapbooking (497-B): A 4-H Guide to Preserving Memories (State competition)
This beginning/intermediate level project is designed for youth with limited experience in scrapbooking. Requires completion of project activities and creation of a scrapbook. Can be repeated by completing additional activities and a new
scrapbook each year.

Project Requirements
1. Explore each of the four project areas (Getting Started, Working with Photos, Layout and Design, and Going Digital) by completing the activities and making a scrapbook. Activity 8, Digi Scrappers, is optional.
2. Take part in at least two learning experiences.
3. Become involved in at least two leadership/citizenship activities.
4. Project Review.

Judging Requirements – Bring a scrapbook and participate in a personal interview.
Exhibit Requirements – Prepare a scrapbook for exhibit.

Writing

- ***Entries must be in the Extension office by 4:30 p.m., June 18 to be eligible for judging.***
- **Judging: Wednesday, July 8, 10:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

The Writer in You (588-I) (State competition) (Revised 2016)
Project Requirements
- Complete the project book.
- All entries are to be on 8 ½" x 11" paper, enclosed in a 9"X12" envelope with the entrant's class, name and county on the cover and last name on every page.
- All entries must be the member's own work and of the current year.
- Stories should be double spaced, typed or neatly printed. Poems may be single-spaced.

Judging Requirements
Each participant must submit a selection of three (3) poems or one (1) story or essay in any class. (See classes for details)
- All entries will be evaluated on the basis of title and content.
- Participate in personal interview.

Junior – ages 8-13. Senior – age 14 and above.

CLASSES:
- Rhymed Poetry – Junior & Senior: An interpretation of a subject in rhymed verse. Submit a collection of three poems.
- Free Style Poetry – Junior & Senior: An interpretation of a subject in unrhymed verse. Submit a collection of three poems.
- Short Story – Junior & Senior: A fiction piece comprised of three basic elements: a theme, a plot and characters. Submit one story, maximum length — 2,000 words.
- Essay – Junior & Senior: A short nonfiction composition in which a theme is developed or an idea is expressed. Submit one essay, maximum length — 500 words.

Miscellaneous Special Emphasis

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Self-Determined Projects (365-X) (State competition)
For very advanced levels of any project area or for projects that have no books.
Self-Determined Projects will be divided into Junior and Senior Categories.

Age divisions:
Juniors: 8-13 years old

Seniors: 14-18 years old

For a complete list of the Self Determined Idea Starts refer to the 4-H Project Guide.

Project Requirements - Using the online Self-Determined Project Guide: Topic identification, At least 3 areas of interest, each with at least 3 activities, at least two learning experiences, at least two leadership/citizenship experiences, Project summary.

Judging Requirements – Completed 4-H Self Determined project book or records, educational exhibit representing the learning experiences of the project and participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Workforce Prep

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Am I Ready for Work? (382-I) (State competition)
Project Requirements - All 9 activities and Talking It Over questions, At least 2 learning experiences, At least 2 leadership/citizenship activities, Project Review

Judging Requirements – Completed project book, educational exhibit representing the learning experiences of the project and participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

You're Hired! (386-A) (State competition) (New 2023)
Project Requirements - All 9 activities and Talking It Over questions, At least 2 learning experiences, At least 2 leadership/citizenship activities, Project Review

Judging Requirements – Completed project book, educational exhibit representing the learning experiences of the project and participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Here, There, Ag Careers Are Everywhere! (387-A) (State competition)
Project Requirements - All 8 activities and all Talking It Over questions, At least 2 learning experiences, At least 2 leadership/citizenship activities, Project summary and project review

Judging Requirements – Completed project book, educational exhibit representing the learning experiences of the project and participate in a personal interview.

Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Natural Resources

Gardening & Plant Science

Garden Crops & Flowers
Vickie Wagner-Chair

- **Judging: Saturday, July 11, 9 a.m., 4-H Kitchen Shelter**
- **Awards will be presented following the show.**
- **Garden Crop Exhibitors move projects into Junior Fair Building following judging.**
- **Project doesn't need to be on display until day of judging.**
- **Juniors - ages 8-13; Seniors-ages 14 and up**

How Does You Garden Grow? (671-B) (State competition)
This beginning-level project is designed for youth with limited or no experience in flower gardening. Youth are required to complete five activities that guide decision-making and preparation of a flower garden, either in the ground

or in containers. In the second year, youth should use a new project book to document their decisions for a new and different garden.

Project Requirements

1. A minimum of 25 sq. ft with a minimum of 3 different types of annuals.
2. For Judging & Exhibit - exhibit 3 types of annuals in a suitable container.
3. Complete project book and participate in personal interview.

Grow Your Own Vegetables (691-B) (State competition) (Revised 2016)

Project Requirements

4. 150 sq. ft for (691) grow 2 root crops, 2 pod crops, 1 leafy, and tomato.
5. For Judging & Exhibit - exhibit 3 types of vegetables.
6. Complete project book and participate in personal interview.

Growing with the Seasons - (692-I) (Revised 2019) (State competition)

There will be two classes for 4-H & FFA members: a vegetable class and a fruit class. Members may exhibit in either class or both classes.

Vegetable Project Requirements

1. Grow at least 12 different vegetable crops.
   - Tomatoes, cabbage
   - Two root crops i.e. carrots, beets, turnips, parsnips
   - Two different pod crops such as green beans, peas, lima beans.
   - Three leafy crops such as lettuce, chard, kale, spinach
   - Three other crops such as sweet corn, pepper, squash, onions, cucumbers, radishes, broccoli.
2. For Judging & Exhibit - complete project book
3. Exhibit-not more than 3 different vegetables grown in project. Use numbers below:
   10 pods green beans
   10 pods of lima beans
   3 beets
   1 head of broccoli
   1 head of cabbage
   3 carrots
   Punch chard, kale or spinach
   3 ears of sweet corn
   3 cucumbers
   5 leaves of lettuce
   1 melon
   3 onions
   3 parsnips
   10 pods of peas
   3 potatoes
   3 peppers
   1 pumpkin
   5 radishes
   1 squash
   3 tomatoes
   3 turnips
4. Participate in personal interview

Fruit Project Requirements

1. Grow at least one fruit crop.
2. Exhibit best of 5 apples-any variety
3. Exhibit Best grapes- one bunch
4. Exhibit fruit - 3 different kinds of fruit
5. Participate in personal interview.

Canning and Freezing (670-I) (State competition)

Project Requirements

1. Complete all seven activities.
2. Take part in at least two learning experiences.
3. Become involved in at least two leadership/citizenship activities.
4. Write a project summary and take part in a project review.

Judging Requirements - Exhibit project book, poster or science board, one activity from the book and personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Edible Landscapes (673-I) (State competition) **(New 2020)**
Project Requirements
1. Complete all activities.
2. Take part in at least two learning experiences.
3. Become involved in at least two leadership/citizenship activities.
4. Write a project summary and take part in a project review.

Judging Requirements - Exhibit project book, poster or science board, one activity from the book and personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

The Natural World

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Age divisions:
Juniors: 8-13 years old
Seniors: 14-18 years old

Let's Explore the Outdoors I (611-B) (State competition) (Revised 2015)
Project Requirements - Make three trips into the woods, fields and streams AND Complete the project book.
Judging Requirements - Show some of the things you have discovered on one of your field trips on a poster or other display. This may be any of the following: tree identification-bark or leaf, bird identification, wild flowers, bird houses, bird shelters, scrap book of some aspect of conservation, insect display (at least 20 insects), wildlife, mineral rocks, animal tracks and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Geology: Can You Dig It? (612-B) (New 2019)
Project Requirements – Complete all eight activities, Talking It Over questions, fill in field journal, take part in two learning activities, become involved in at least two learning leadership/citizenship activities and complete a project review.
Judging Requirements - Show some of the things you have discovered in your activities on a poster or other display.
Exhibit Requirements – Select one display that showcases all your findings for a fair display such as a poster/science board.

Exploring Polar Science (613-I) (State competition) ***(New 2020)***
Project Requirements – All 8 activities and all Talking It Over questions, At least 2 learning experiences, At least 2 leadership/citizenship activities, Project summary and project review
Judging Requirements - Show some of the things you have discovered in your activities on a poster or other display.
Exhibit Requirements – Select one display that showcases all your findings for a fair display such as a poster/science board.

Exploring Ponds (617-A) (State competition) (New 2016)
Project Requirements - Members who are experienced in exploring the outdoors can learn all about ponds with this in-depth project. First, look at the "big picture" starting with Earth's water cycle and water conservation, then zoom in and learn about your pond's health and its ability to support many organisms in and around it.
Judging Requirements - Show some of the things you have discovered on a poster or other display, completed project book and personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Why Trees Matter (620-B) (State competition)
This is a beginner project for members to develop their interest in trees and our natural resources with cool experiments highlighting how trees function individually and understanding their role in our everyday lives.
Project Requirements - Complete the General Project Guidelines.
Judging Requirements - Prepare an educational exhibit on trees and participate in personal interview.
Exhibit Requirements - Select one project activity for fair display such as a poster/science board.

Ohio Birds (621-X) (State competition)
Project Requirements - Complete the General Project Guidelines.

Observe and record at least: first year-20 different species of birds; second year-30 different species of birds in addition to the 20 recorded the first year.
Judging Requirements - **Bring** project book and participate in personal interview.
Exhibit Requirements - Select one project activity for fair display such as a poster/science board.

Trapping Muskrats in Ohio (622-I) (State competition)
Project Requirements
First year, complete Level 1.
Second year, complete Level 2.
Complete the activities in the project book for level 1 or level 2 as explained in the project guidelines.
Judging Requirements – Make & bring an educational exhibit or poster about muskrats or trapping muskrats and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Outdoor Adventurer: Beginning Fishing (623-B) (Revised 2018, was Fishing for the Beginners) (State competition)
Project Requirements
-Study project book and complete all assignments.
-Spend many hours fishing and learning fish characteristics.
Judging Requirements - An educational exhibit or poster on one of the activities in the book and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Outdoor Adventurer: Intermediate Fishing (624-I) (Revised was Intermediate Fishing) (State competition)
Project Requirements - Study project book and complete all assignments AND Participate in several of the special activities. It is recommended to complete Outdoor Adventurer: Beginning Fishing first.
Judging Requirements - An educational exhibit or poster on one of the activities in the book and participate in a personal interview.
Exhibit Requirements - Select one project activity for fair display such as a poster/science board.

Beekeeping Project and Record Book (641-X) (State competition)
The beekeeping project record book covers project requirements, colony care and management, and basic beekeeping records. 4-H members should complete this required project book every year a beekeeping project is taken. Requires additional resources.

Project Requirements
1. Set at least three project goals and objectives.
2. Complete the Member Project Guide section of the book.
3. Complete the Colony Care and Management section of the book.
4. Complete the Beekeeping Records section of the book.
5. Take part in a project review at a meeting or on the county level.

Judging Requirements - An educational exhibit or poster on one of the activities in the book and participate in a personal interview.
Exhibit Requirements - Select one project activity for fair display such as a poster/science board.

Insect Adventures 1 (644-B) (Revised 2018, was Teaming with Insects, Level I) (State competition)
In this introductory project, activities provide important background information and focus on how insects look and move.
Written for grades 3–5, but available to all members with beginning level knowledge of entomology. 2011. Available October 2015.
Project Requirements – Complete activities in the project book.
Judging Requirements - Prepare an educational exhibit, bring project book and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Insect Adventures 2* (645-I) (Revised 2018, was *Teaming with Insects, Level 2) (State competition) (New 2016)
Build on your knowledge of insects by making insect collection tools and expanding on the basic concepts of biodiversity, invasive
species, integrated pest management, and forensic entomology. Written for grades 6–8, but available to all members with some knowledge of entomology. 2011. Available October 2015.
Project Requirements – Complete activities in the project book.
Judging Requirements - Prepare an educational exhibit, bring project book and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Insect Adventures 3 **(646-A) (Revised 2018, was *Teaming with Insects, Level 3)*** (State competition)
Dig even deeper into entomology concepts and take control of your learning by doing your own research using the scientific method and reference materials. Written for grades 9–12, but available to all members with advanced knowledge of entomology. 2011. Available October 2015.
Project Requirements – Complete activities in the project book.
Judging Requirements - Prepare an educational exhibit, bring project book and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Required Supplement for Insect Projects: 644R Insect Collecting Guide

Shooting Sports
630 & 631 ONLY- Projects DO NOT REQUIRE state certified 4-H shooting sports instructors.

- **Judging: Wednesday, July 8, 9:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Safe Use of Guns (630-B) (Not a shooting sports project.) (Revised 2018) (State competition)
Project Requirements
1. Learn proper safety rules for handling and storing guns.
2. Complete project guidelines found in the front of the project book.
3. Learn about Ohio gun laws and how they affect you.
4. Begin work in marksmanship.

Judging Requirements – Bring a poster on gun safety rules and participate in personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Special Note: Since guns, bows, arrows, and weapons are not permitted on the fairground, 4-H members will not be permitted to use any of these items as part of their judging or display.

Basic Archery (631-B) (Not a shooting sports project.) (State competition)
Project Requirements
1. Learn the rules of safe archery.
2. Obtain and learn proper use of equipment.
3. Complete the planning your project section in project book.
4. Participate in at least two organized project activities.
5. Explore each of the six interest areas in the project book.

Judging Requirements - Prepare an educational exhibit on archery from project book and participate in a personal interview.
Exhibit Requirements – Select one project activity for fair display such as a poster/science board.

Note: Since guns, bows, arrows, and weapons are not permitted on the fairground, 4-H members will not be permitted to use any of these items as part of their judging or display.

Shooting Sports Record Books
Projects REQUIRE state certified 4-H shooting sports instructors.

Dann Sternsher: Chair
Judi Sternsher: County Shooting Sports Coordinator

- **Judging: Thursday, June 25, CCFSA**
  - **9:00 a.m. Juniors & Seniors**
- **Awards: Presented immediately following judging**
- **Juniors: Age 8-13 as of Jan. 1**
- **Seniors: Age 14-18 as of Jan. 1**
- **Judging Location: County Farmers & Sportsmen Assn., 301 Batson Road, Wilmington, OH 45177**

The following are shooting sports projects that must be taken in a certified shooting sports 4-H club. Members must be ages 9 and above by January of the current year to take shooting sports projects.

2026 Projects
750 Rifle Member Record Book. 2020.
751 Archery Member Record Book. 2020.

752 Shotgun Member Record Book. 2021.
753 Pistol Member Record Book. 2020.

Project Requirements – Identify your goals and objectives for the year; Take part in at least two learning experiences; Be involved in at least two service learning and leadership activities; Complete the records section of the Record Book; Write a report on a project topic of interest to you; Evaluate how well you did in achieving your goals for the year; Review your progress with your 4-H Shooting Sports Instructor and Bring completed Member Record and exhibit to the project interview.
Exhibit Requirements** - Select one or more of the following:

1. An educational poster that shows something you learned or did in the project; (Foam-core board is recommended.)
2. Scrapbook containing photos, information and notes from activities completed;
3. Other display or project that shows something you learned related to shooting sports project disciplines.
4. Must complete a Project Book and have Project Book signed by Ohio 4H Shooting Sports Certified Instructor in that discipline.

Note: Guns, bows, arrows, ammunition, and firearms of any kind are not permitted on the Fairgrounds. Participants may not use any of these items or three-dimensional replicas of these items as a part of any display. Displays also may not include any part of an arrow longer than 6 inches. Displays may not include any 'loaded' ammunition. Any shells or casings must be open so that a visual examination can show that there is no powder in ammunition (the caps must be either absent or expended). Wild bird feathers, except legal game species, and all bird nests and eggs are protected under state and federal laws and are not permitted to be collected, possessed, or presented as a part of any display.

Veterinary Science

- **Judging: Wednesday, July 8, 10:00 a.m., Fairground, Expo Building**
- **Awards – Sunday, July 12, 6:30 p.m., Peterson Building & Line up at 6:15 p.m., Junior Fair Building**

Vet 1, From Airedales to Zebras (244-B) (State competition)
Project Requirements

- Members must have access to animal or bird. Observe animal and study sanitation. Learn about the basic structure of the animal body.
- Complete the project book.

Judging Requirements

- Prepare a poster" or other educational exhibit and show some aspect of animal health as covered in the project book.
- Participate in personal interview.

Exhibit Requirements – Exhibit an educational display or poster on some aspect of the project.

Vet 2, All Systems Go (245-I) (State competition)
Project Requirements

- Study the relationship of the following to animal disease, bacteria, viruses, parasites, nutrition, poisons, stress and heredity.
- Complete project book.

Judging Requirements

- Prepare a poster" or other educational exhibit and show some aspect of animal health as covered in the project book.
- Participate in personal interview.

Exhibit Requirements – Exhibit an educational display or poster on some aspect of the project.

Vet 3, On the Cutting Edge (246-A) (State competition)
Project Requirements

- Learn how animal's body resists attacks of disease. Learn about allergies, explore diseases, transmitted from animals to man. Learn about environmental health and public health. Spend a day with a veterinarian.
- Complete project book.

Judging Requirements

- On a poster or other educational exhibit, emphasize some aspect of animal health as emphasized in the book. (Could be a 4-H club exhibit.)

Exhibit Requirements – Exhibit an educational display or poster on some aspect of the project.

Helper Supplement for Veterinary Science

The *Veterinary Science Helper's Guide* is for volunteer leaders looking for ideas to make meetings fun and educational. Available from the National 4-H Source Book and at https://shop4-h.org/

Notification

The Style Revue, Clothing Awards, Foods & Nutrition Awards & General Awards Presentations will be held with the Queen Recognition on Sunday during the fair.

Please check the Junior Fair Schedule and the project guidelines for specific line up and awards presentation times.