

2019 What to Exhibits

STEM Judging (Science, Technology, Engineering, & Math)

Logan County Fairgrounds (4-H Building)
301 E. Lake Avenue, Bellefontaine
Monday, July 8th, 2019



TO BE ELIGIBLE FOR AWARDS AND/OR STATE FAIR PARTICIPATION, MEMBERS ARE REQUIRED TO ATTEND THEIR REGULAR SCHEDULED JUDGING TIME

Information on specific time of judging will be sent in the mail closer to judging or may be found at www.logan.osu.edu in early June.

Tuesday, June 18, 2019 - MAKE-UP Judging (OSU Extension Office)
BY APPOINTMENT ONLY

Members attending make-up evaluation are NOT eligible for awards or State Fair participation.

GENERAL GUIDELINES

1. All participants of the following projects will be in one class:
 - 4-H Age 8 and over
2. Type of Evaluation:
 - Participants will have a personal interview evaluation with a judge.
 - Judge will evaluate participant on the following basis:
 - 50% Knowledge (Depth of project understanding)
 - 25% Interview (Ability to communicate project knowledge)
 - 25% Project Display/Exhibit (Application of project knowledge)
3. Participant to bring:
 - Completed project book.
 - A display representing their learning experience of the current project. The display should be limited in size to what the participant can maneuver on his or her own. Because of space limitations each participant removes his/her display from the judging area when the interview is completed.
4. Project Display at Junior Fair:
 - Projects may be displayed as part of your 4-H Club's Booth in the 4-H Building or as another Junior Fair Entry.
 - The 4-H'er may choose what is exhibited in the Junior Fair Booth.
 - Booth Setup is Friday, July 5th, 5:00 – 9:00pm and Saturday July 6th, 8:00am – 2:00pm. All booths need to be completed by 2:00pm on Saturday July 6th.
 - The 4-H'er may take what they need from the booth for judging and return it back to the booth when done with judging.
 - Booth Removal is on Sunday, July 14th, 8:00am – 5:00pm. All items needed to be removed Sunday, any items past 5:00pm will be discarded.

5. Awards & State Competitions

- Awards for this category will be announced and presented at the Awards Presentation Thursday, July 11th, 4:00pm in the Activity Building at the Fairgrounds.
- The following projects DO have the opportunity to display at the Ohio State Fair for 2019:
 - 490 Science Fun with Dairy Foods
 - 493 Science Fun with Kitchen Chemistry
 - 500 Science Fun with Physics
 - 501 Rockets Away (2-liter Bottle Rockets)
 - 502 Science Fun with Flight
 - 503 Rockets Away (Solid-Fuel Model Rockets)
 - 503M Solid Fuel Rocketry Master
 - 507 Robotics 1 with EV3
 - 508 Robotics 2: EV3N More
 - 512M Robotics Master
 - 550 Young Engineers in Solar Energy

Refer to additional project requirements as listed in class list below.

490 Science Fun with Dairy Food

493 Science Fun with Kitchen Chemistry

500 Science Fun with Physics

501 Rockets Away (2-liter Bottle Rockets)

502 Science Fun with Flight

503 Rockets Away (Solid-Fuel Model Rockets)

503M Solid Fuel Rocketry Master

507 Robotics 1 with EV3

- in addition to the interview, contestants will demonstrate their LEGO EV3 robot's ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot's completion of these tasks along with a printout of the program

508 Robotics 2: EV3N More

- Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.

512M Robotics Master

- Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.

517 Bicycling for Fun, Level 1

- This project does not go to State Fair.

518 Wheels in Motion, Level 2

- This project does not go to State Fair.

550 Young Engineers in Solar Energy**555 ATV Safety**

- This project does not go to State Fair.