

ENGINEERING EXCITEMENT DAY
Rhodes Center West Auditorium
Saturday, July 30, 2022
Mark Light, Assistant Superintendent

GENERAL GUIDELINES

1. Age of Participants:

- Junior (age 13 and under)
- Senior (age 14 and older)

2. Participation Guidelines:

- Within each division, counties may have **ONE** participant in each class. No individual is permitted to participate in more than one class in the same division. Participants may represent their county in multiple divisions (electric, small engines, and rope).
- The clock trophy winner of any class in 2021 is not eligible to participate in the same class in 2022.
- Awards will be presented at approximately 4:30 p.m. in the Rhodes Center.
- Participants should report to the registration table **fifteen minutes** before the scheduled interview period.
- Participants will have a personal interview evaluation, which will consist of an oral interview with a judge along with a review of the participant's project book and display.
 - Participants should be able to discuss the following details of their project: title, areas of interest, what you did in an area of interest, what you learned, and what would you do in the future with this project.
- Classes J-6 and J-7 (Rope classes) may be asked to demonstrate their ability to tie specific knots.

CLASSES

Electric Division

- J-1 Science Fun with Electricity
- J-2 Magic of Electricity
- J-3 Investigating Electricity
- J-4 Wired for Power
- J-5 Entering Electronics

Rope Division

- J-6 Not Just Knots – Junior
- J-7 Not Just Knots – Senior

Small Engines Division

- J-8 Crank it Up
- J-9 Warm it Up
- J-10 Tune it Up

3. Participant **MUST bring**:

- Registration information provided to you by your County 4-H Educator.
- Completed project book showing involvement in and progress toward completion of their project goals.
- Displays should be **less than 48"** wide, 24" deep, and 36" tall of a completed activity from the project book to demonstrate for the judge.
- Electrical connections and additional exhibit space are not available to exhibitors, nor are exhibitors allowed to bring an electrical generator.

AWARDS AND SPONSORS

1. All participants will receive a participation award sponsored by the Ohio State Fair.
2. The top 20% of each class will receive "Outstanding of the Day" awards sponsored by the Ohio State Fair.
3. The top individual from classes J-1 through J-10 will receive a clock trophy. The 2021 sponsors were: **Ohio Township Association, Lauren Logan, Rinehart Paint and Chassis, Rinehart Continuous Gutter, Lauren Logan, Bryan Swords and Kayla Oberstadt**

2021 CLASS WINNERS (are not eligible to participate in the same class in 2022)

- | | | |
|------|------------------------------|----------------------------|
| J-1 | Science Fun With Electricity | Eli Busic, Licking |
| J-2 | Magic of Electricity | Abigail Shearer, Perry |
| J-3 | Investigating Electricity | Keren Maldonado, Fulton |
| J-4 | Wired for Power | Hank Lute, Tuscarawas |
| J-5 | Entering Electronics | Joseph Orr, Ross |
| J-6 | Rope, Junior | Alexis Reimer, Licking |
| J-7 | Rope, Senior | Raiden Rezabek, Williams |
| J-8 | Crank It Up | Landen Schuhart, Muskingum |
| J-9 | Warm It Up | Anthony Gano, Franklin |
| J-10 | Tune It Up | Wyatt McPherson, Gallia |

4-H ENGINEERING EXCITEMENT DAY PARTICIPATION SCHEDULE

The exact schedule of participation will depend on the number reporting at any one time. Member should bring registration information provided by their County 4-H Professional to the designated registration desk in the Rhodes Center.

9:00 a.m.	Clark, Delaware, Fairfield, Fayette, Pickaway
9:30 a.m.	Ashland, Franklin, Licking, Logan, Madison, Marion
10:00 a.m.	Allen, Champaign Morrow, Muskingum, Union
10:30 a.m.	Coshocton, Crawford, Greene, Hardin, Hocking, Holmes
11:00 a.m.	Knox, Miami, Montgomery, Perry, Richland, Ross
11:30 a.m.	Athens, Clinton, Guernsey, Hancock Shelby, Vinton, Wyandot,
1:00 p.m.	Highland, Huron, Jackson, Medina, Morgan, Pike, Seneca, Stark, Summit
1:30 p.m.	Auglaize, Belmont, Tuscarawas, Warren, Wayne, Wood,
2:00 p.m.	Butler, Carroll, Clermont, Darke, Erie, Hamilton, Harrison, Lorain
2:30 p.m.	Monroe, Noble, Paulding, Portage, Preble, Putnam, Sandusky, Van Wert, Washington
3:00 p.m.	Adams, Ashtabula, Brown, Columbiana, Cuyahoga, Defiance, Fulton, Gallia, Geauga, Henry, Jefferson, Lake, Lawrence
3:30 p.m.	Lucas, Mahoning, Meigs, Mercer, Ottawa, Scioto, Trumbull, Williams

4-H ENGINEERING EXCITEMENT DAY

Sample Evaluation Sheet

NAME: _____ EXHIBITOR NUMBER: _____
 CLASS: _____ COUNTY: _____
 PROJECT NAME: _____ AGE AS OF JAN. 1 OF CURRENT YEAR: _____
 YEARS IN PROJECT: _____ YEARS IN 4-H: _____

Brief description of what you brought today to display your project (i.e. poster, equipment):

Keep this sheet with you until the judge calls your exhibitor number.

Judging Guidelines	Excellent	Very Good	Good	Average
50% Knowledge – Depth of understanding of the basic concepts and information presented in the project book				
25% Communication - Ability to Express Project Knowledge Communicates Appropriately Attitude During Interview Personal Appearance	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
25% Project Display/Exhibit Completeness Accuracy and Neatness Originality, Creativity, Functionality Application of Knowledge	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
Judge's Overall Rating (circle one)	Excellent	Very Good	Good	Average

Judge's Comments -
 Strengths:

Area(s) for additional study: