

2024 Project Completion Guidelines

Welding

General Requirements

- Member must participate in Project Interviews (Judging Day or Early Interviews) with a complete project book for the project to be considered completed for the 4-H year.
- Member must participate in a Project Interview during Judging Day to be eligible to be considered for Ohio State Fair Selection.
- Member must display a representation of their project in their 4-H club fair booth.
- All members should be prepared to know general 4-H information.

Meigs County Welding Projects Completion Requirements

Arcs and Sparks

1. Recommended number of areas, building skills, and developing knowledge questions for your year.
2. At least 2 organized project activities.
3. At least 2 leadership/citizenship activities.
4. Build at least 2 weldments or other items in book.
5. One-page report.
6. Bring to judging:
 - a. Completed project book showing involvement in and progress through completion of your project goals.
 - b. Two welding projects.
 - c. **Welding: For welding projects that would have to fit in an imaginary box 6 ft. x 6 ft. x 3 ft.** Every participant shall bring and exhibit two welding projects: one will be from the recommended projects in the 4-H project book Arcs and Sparks and the other will be one of their own design that will be no bigger than 6 ft. x 6 ft. x 3 ft.
 - d. **Welding (Bigger Weldment): For welding projects that are bigger than 6 ft. x 6 ft. x 3 ft.** In this class, participants will follow and meet all requirements and criteria listed for J-1, except for size of the optional design project. This class is for larger dimension projects. It is preferred that projects be no larger than 8 ft. x 8 ft. and 20 ft.

PLEASE NOTE:

- All projects must be done using Shielded Metal Arc Welding (SMAW).
- The project from the Arcs and Sparks book will be evaluated for conformance to the drawings including weld sizes and locations.
- Alternate materials are acceptable, for example ¼ x 3" stock in lieu of ¼ x 2", but it should be cut to the same length and fitted in conformance with the drawing.
- While the judges may be impressed by massive projects, they award points for welding quality. Do not grind your final welds or hide the beads under heavy paint as the judges won't be able to award points for great weld beads if they can't see them

Ohio State Fair Exhibition Day – Welding Day

- Selections for the Ohio State Fair will be made during the Meigs County Judging Day and based on Meigs County Project Completion Requirements.
- Not everyone who wins first or second place will be eligible for Ohio State Fair selection. This is based on the judge's decision.

