

Woodworking

2024

Committee: Scot Gerber & Drew Houseman

- **All woodworking projects need to be in place between 4:00 p.m. and 7:00 p.m. on Friday, July 5.**
- **Judging: Saturday, July 6, 9:00 a.m., Jr. Fair Building**
- **Awards: Presented immediately following judging**

Exhibitors shall display one or more articles from their project book or an article requiring the same skills as contained in the project books. (Members may use any or all tools listed in lower-level classes.) **KITS ARE NOT ALLOWED.** Exhibitors will have an interview based on their project and its use and construction. They may be asked to demonstrate skills and knowledge required in the construction and/or finishing of the exhibit. 4-H'ers can exhibit in only one project class. **NO school or FFA projects are allowed.** Advisors should use their judgment in helping to select proper project class for each 4-H member.

Classes

Junior – 8 – 13 years old on Jan. 1, current year.

Senior – 14 – 18 years old on Jan. 1, current year.

Measuring Up – Level 1 (556-B) (State competition)

Participants get started in woodworking by selecting a project helper and setting up a safe place to work. Covers ear and wear eye protection. Participants should exhibit a project that shows they have learned how to use hand tools including: a ruler or tape measure, a square, saws, an electric drill, clamps, a screwdriver, a hammer, and sand paper. Build and finish a project of your choice. Use of all tools is not required, although it helps.

Making the Cut – Level 2 (557-I) (State competition)

Participants should exhibit a wood project that shows off your new skills with a with a T-level, a miter box, a wood chisel, a hand jig saw, a scroll saw, a staple gun, and a power sander. Learn more about the different species of wood. And learn more about the different species of wood.

Nailing It Together – Level 3 (558-I) (State competition)

Youth practice measuring angles, cutting dado and rabbet joints; using a circular saw, a table saw and a radial arm saw; smoothing lumber with a hand planer; and sanding and staining wood. Use of all tools is not required, although it helps.

Finishing Up – Level 4 (559-A) (State competition)

Participants should learn how to hand-cut dovetail, mortise and tenon joints. Use a power router, various planers, and a power jointer to create a project of your choice. Learn about veneer, common adhesives, stripping, and repairing.

Woodworking Master (560M-A) (State competition)

Participants should make a woodworking project in a category that is different from other 4-H woodworking project categories or that require specialized or professional level skills beyond those typically used in other 4-H woodworking projects. Members of any age may complete this project but should have previous woodworking experience (comparable to what is required for other advanced-level 4-H woodworking projects) and be able to plan and complete the project on their own with minimal supervision or assistance. Information available at www.ohio4h.org/publications.