



2021-2022 4-H WOOD SCIENCE JUDGING CONTEST

In this contest, 4-H members will learn a variety of wood science topics including equipment, safe practices, skills, and workmanship. In addition, decision making skills and the ability to clearly express one's self are lifelong attributes that have a positive impact on mastery. 4-H judging contests helps members develop these skills. Judging involves making a decision and then telling why you made it. Through judging, youth learn to appreciate standards, observe carefully, and develop reasoning ability.

There are two divisions for this contest: Junior and Senior.

Junior participants must be between the ages of 8-12 in 4-H age. Individuals 13 and older must complete the senior contest. If a junior chooses to participate in both divisions, they must complete the senior level contest first. The top ten senior participants from each county are eligible to participate in the state contest. Should ten seniors not be available, juniors may be asked to participate in the state event.

RESOURCES:

- Woodworking Wonders 4-H Project Series. Levels 1-4
- https://www.oshatraining.com/cmsdocuments/OSHA_Training_Toolbox_Talk_-_Working_Safely_With_Table_Saws.pdf

JUNIOR JUDGING CONTEST

- 1. Be able to identify the 13 tools listed. (Level 1, pg. 8).**
- 2. Be able to identify three safety practices that can be followed when using the tools identified in item #1 above. (Level 1, pgs. 10-11).**
- 3. Be able to identify the parts of a hammer (Level 1, pg. 17) and the parts of a screwdriver (Level 2, pg. 18).**
- 4. Be prepared to demonstrate the following skills:**
 - a. Countersink a nail (Level 1, pg. 18).**

- d. Demonstrate how to use a miter box (Level 2, pg. 22).
 - e. Demonstrate how to use a chisel (Level 4, pg. 20).
6. Rank one class of 4 finished or unfinished items considering workmanship, appearance, suitability, and quality of finish. Provide written reasons for your placings.