

SECTION 4313 - 4-H WOOD SCIENCE AND INDUSTRIAL ARTS

- The wood science exhibits should demonstrate a project experience, which emphasizes the development of woodworking skills such as: sawing, sanding, planning, alignment of joints, neat use of fasteners (nails, screws, etc.), and careful application of finishes. Judging will focus on the evidence of these skills.
- These exhibits will consist of articles made by 4-H Club members the past year. The project is not limited to current project idea sheets. It must be proportional and functional and include the same techniques as the listed classes.
- Miscellaneous and refinished class items should be similar in size to the exhibits in the classes listed for the grade division. 4-H member can enter only one exhibit per class and is restricted to exhibits designed for his or her grade group.
- A county may enter one (1) exhibit in each class. Wood Science exhibits should be permanently signed and dated in an inconspicuous location. If not marked, judge may mark.
- **Awards:** Ribbons will be placed to top 10 in each class.

WOOD SCIENCE - Junior is grades 3-7; Senior is grades 8-12

1. Jr. Wood Carving Article
2. Sr. Wood Carving Article
3. Jr. Woodcraft -----Original design
4. Sr. Woodcraft----- Original design

Beginning Level (Grades 3-5)

5. Wall mounted rack for hot pads, ties, paper towels or other wall mounted item
6. Puzzle or game
7. Spice, what-not or other small shelves
8. Book ends
9. Miscellaneous

Intermediate Level (Grades 6-8)

10. Book case or entertainment center (without doors)
11. Gun, baseball bat, fishing rod or similar rack
12. Refinished item - attach before picture & story with history of item, cost sheet, and description of process used
13. Miscellaneous

Advanced (Grades 9-12)

14. Gun, curio or display cabinet (with doors)
15. Table
16. Chest
17. Miscellaneous
18. Refinished item - attach before picture & story with history of item, cost sheet, and description of process used.

METALWORK - Junior is grades 3-7; Senior is grades 8-12

19. Jr. Metalwork ----- Embossed, tooled, etched
20. Sr. Metalwork----- Embossed, tooled, etched
21. Jr. Metalwork ---- Soldered
22. Sr. Metalwork----- Soldered
23. Jr. Metalwork -----Arc Welding
24. Sr. Metalwork----- Arc Welding
25. Jr. Metalwork ----Gas Shielded Arc Welding
26. Sr. Metal Work ----Gas Shielded Arc Welding
27. Jr. Metalwork -----Free Hand Plasma Cutting
28. Sr. Metalwork----- Free Hand Plasma Cutting
29. Jr. Metalwork-----Computer Aided Plasma Cutting
30. Sr. Metalwork----- Computer Aided Plasma Cutting

