

Section J – STEM (Science, Technology, Engineering & Mathematics)

General Information – Pertains to JA through JF

- Articles in this section must be made and selected according to standards from project curriculum, State 4-H Club Management and Volunteer Leader Handbook plus CCE Risk Management Guidelines.
- Articles in this section must have been made and selected during the current project year.
- If power tools are used by youth in making projects, youth must be 12 years or older.
- **Up to two articles per class per member may be entered (Sections JA, JB and JC, Classes 1 and 2)**
- For construction project, with manufactured components see Section JC
- Birdhouses entered in wood science classes will be evaluated under wood science standards. Superintendent may move birdhouses to the wildlife class under Environmental Education Section, if appropriate.

Section JA – WOOD SCIENCE

Class No.

- 1. Hand Tools Division:** articles made in wood science project that was cut out, assembled and finished with hand tools only.
- 2. Power Tools Division:** articles made in a wood science project that has been partially or totally completed with power tools.
- 3. Kit Division:** articles made in wood science project that is made from materials precut by an outside resource (i.e., 4-H Office, commercial supplier or woodworking volunteer leader) but is assembled and finished by the exhibitor. Judges will place emphasis on quality of woodworking performed by exhibitor. No commercial names on exhibit.
- 4. Wood Science/Shop work Open:** articles made in Wood Science/Shop work project that does not fit in listed categories. Judge will place emphasis on quality of workmanship by exhibitor and the intended use of the project. Exhibits to be entered in this class will be at discretion of the CCE 4-H Educator.