



New Mexico 4-H Greentop Project Guide



New Mexico 4-H Is A Program of New Mexico State University's Cooperative Extension Service

400.W-10
(N 05)

WOOD AND TOOLS I MEASURING UP

Objectives: 1) *To develop knowledge and skills related to woodworking that include what makes a safe work area, how to identify woodworking tools, the qualities of woods, measuring and marking boards, using a hammer, using a hand saw, how to identify types of nails, connecting wood with glue, constructing a butt joint, sanding and painting and proper painting techniques.*

2) *To develop skills that could be applied to everyday life which include how to make decisions by comparing, decision making, math skills from measuring, value of practice, organizing, following directions and responsibility.*

Materials included with this project

- Wood and Tools I, Measuring Up
- Record Form (in Measuring Up)
- Wood and Tools I, Measuring Up Greentop

What do I do with my wood and tools I project materials and information?

Suggestions for completing the Wood and Tools project:

- Review the project book, record sheet, and Greentop to become familiar with the project before beginning.
- Make a check list of things to complete as you work through the project.
- Begin your project early in the year to develop your skills and knowledge.
- Keep a log or diary and photographs of activities that you participate in which related to this project. This will help you complete your record sheet and record book at the end of the 4-H year.
- Attend all wood and tools project meetings to learn more about your project.
- Participate in county, state, and regional fairs.
- Enter project materials or demonstrations in the county, district, and state contests.
- For completion of the project, complete the record sheet and turn in a county record book to your local Extension Agent.

New Mexico State University is an equal opportunity/affirmative action employer and educator.
NMSU and the U.S. Department of Agriculture cooperating.

Suggested learning activities:

- Complete required activities as listed in the project book.
- Attend project days or events to listen to featured experts in the field, or to work on your project with others.

What you can do:

- Give demonstrations or illustrated talks about the different components of woodworking and tools.
- Give a prepared speech or demonstration about woodworking tools safety to your club or school.
- Help others prepare a speech or demonstration related to the wood and tools project.

What County and State Fair projects you can enter:

Wood Science

- Class 319. Unit 1 Article for self (project #04451)
- Class 320. Unit 1 Article for home (project #04451)
- Class 321. Unit 1 Article of workshop (project #04451)

Where you can go for additional information:

- County Extension 4-H Agent
- Your 4-H club or project leader
- Internet
- Local woodworking shop
- Library

Additional projects you can do next year that would relate to the Wood and Tools I project:

- Citizenship.....help others prepare a speech or demonstration about small engines
- Leadership.....give a demonstration about the different types of small engines
- Electricity.....learn about electrical currents that power woodworking tools
- Animal Science.....construct feeders and equipment
- Photography.....capture photos of your projects
- Welding.....incorporate wood project with metal.
- Entomology.....create a display case