



# New Mexico 4-H Greentop Project Guide



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

**400.SE-10  
(N 05)**

## **SMALL ENGINES 1- CRANK IT UP!**

**Objective:** *To develop knowledge and skills about engine parts, tools of the trade, safety issues, and what makes a small engine work. You will also learn planning, organizing, comparing and measuring, making decisions, communication skills, and problem solving.*

### ***MATERIALS THAT ARE INCLUDED WITH THIS PROJECT:***

- Small Engines 1, Crank It Up!
- Record Form
- Small Engines 1, Crank It Up! Greentop

### ***What do I do with my small engines project materials and information?***

### ***SUGGESTED STEPS FOR COMPLETING THE SMALL ENGINES PROJECT WITH SUCCESS:***

- Review the project book, record sheet, and greentop to become familiar with the project before preparing or giving speeches, workshops, or demonstrations.
- Make a check list of things to complete as you work through the project.
- Attend all small engines 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.

### ***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.

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*WHAT YOU CAN DO:*

- Give demonstrations or illustrated talks about the different components of a small engine.
- Exhibit posters with parts and function of a small engine, or tools needed for maintenance or repair at the county, regional, or state fair.
- Give a prepared speech or demonstration about small engine safety to your club or school.
- Help others prepare a speech or demonstration on the parts of small engine.

*WHERE YOU CAN GO FOR ADDITIONAL INFORMATION:*

- County Extension Agent
- Your 4-H Club or Project Leader
- Internet
- Local Small Engines Shop
- Library

*ADDITIONAL PROJECTS YOU CAN DO NEXT YEAR THAT WOULD RELATE THE SMALL ENGINES 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 as related to power in small engines