



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-12
(N 05)

SMALL ENGINES 3 - TUNE IT UP!

Objective: *To develop knowledge and skills about tearing down and rebuilding an engine, using diagnostic tools, rules and regulations regarding small engines, selecting an engine, and potential small engine careers.*

MATERIALS THAT ARE INCLUDED WITH THIS PROJECT:

- Small Engines 3, Tune It Up!
- Record Form
- Small Engines 3, Tune 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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NMSU and the U.S. Department of Agriculture cooperating.

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
- Welding & Wood Science.....try building equipment to support small engines
- Computers.....use digital or computerized diagnostic tools on a small engine