



All About Discovery!
College of Agricultural, Consumer
and Environmental Sciences
Cooperative Extension Service
Extension 4-H Youth Development

Engineering Science



NM 4-H Small Engines Unit 3 Greentop

400.SE-12 R-18



Suggested Activities:

- Give demonstrations or illustrated about the different components of a small engine.
- Exhibit posters with parts and function of a small engine at, 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 parts of a small engine.

Objectives: 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. You will also learn planning, organizing, comparing and measuring, making decisions, communication skills, and problem solving.

Materials Included in this project:

- Small Engines 3—Tune It Up Project Book
- Record Form 300.A-7 (R-18)
- Small Engines 3—Tune It Up Greentop

Suggested tips for successful project completion:

- Review the project book, record sheet and greentop before preparing speeches, workshops, or demonstrations.
- Make a check list to complete as you work this project.
- Participate in county, state and regional fairs.
- Enter project materials or demonstrations in the county, district or state contests.
- Attend project days or events to listen to experts in the field.
- For the completion of the project, complete the record sheet and project book and turn in a county record book to your local Extension Agent.

Additional info can be found from:

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

Padilla & Greeman, 2004; Revised 2018