



SMALL ENGINE

(2023 State Project)

Description:

The 4-H Small Engine project creates the education and hands-on opportunity for youth to learn all about engines.

State Fair Entries:

3 per county; one per level.

Exhibit Guidelines:

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an **exhibit tag** provided by Purdue Extension staff.

The actual small engine may be displayed if mounted on a stable base. For safety reasons, all fluids (fuel and oil) must be removed before taking the exhibit inside a building. A notebook is to accompany the engine display and include details and pictures of what was done to the engine.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

Exhibit Class Guidelines:

- **Beginner (grades 3-5)**
Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.
- **Intermediate (grades 6-8)**
Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine.
- **Advanced (grades 9-12)**
Create an educational poster, notebook or display about any small engine topic of choice that is age/grade appropriate or a rebuilt small engine. Youth can also design and complete an independent study activity.

**Clay County Requirement:**

You will need to have a filled-out project record sheet to turn in with your project at judging.

[General Record Sheet](#)

Manuals:

- [Small Engine Level 1, Crank it Up](#)
- [Small Engine Level 2, Warm it Up](#)
- [Small Engine Level 3, Tune it Up](#)

References:

<https://extension.purdue.edu/4-H/projects/4-h-project-small-engine.html>