

Automotive Information Sheet

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. 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:

Grades 3, 4, 5: Create an age/grade appropriate poster about an automotive topic.

Grades 6, 7, 8: Create an age/grade appropriate poster about an automotive topic

Grades 9, 10, 11, 12: Create an age/grade appropriate poster about an automotive topic.

No State Fair Entry

Automotive Poster Topic Ideas

Grades 3-5:

- **Safety**—Describe or explain one or more of the following: seatbelt safety and laws, car seat safety and laws, airbags, rear occupant alert systems or any other automobile safety feature.
- **Types of Automobiles**—Compare and contrast different types of automobiles (gas powered, diesel powered, propane powered, hydrogen powered, hybrid electric, plug in hybrid electric, etc.)
- **History**—Create a timeline showing how automobiles have evolved over time.

Grades 6-8 Topic Examples:

- **Safety Systems**—Describe the operation or intended use of tire pressure monitoring systems, collision warning systems, antilock brake system/electronic stability control, blind spot detection, or any other safety system on an automobile.
- **Rules of the Road**—Identify and explain road signs and symbols, pavement markings, traffic lights, emergency vehicle procedures, etc.

- **Basic Maintenance**—Explain how to inspect and/or replace wiper blades, check tire pressure, inspect fluid levels, or explain preventative maintenance intervals or any other car care procedure. *Pictures/images showing the steps are recommended.

Grades 9-12 Topic Examples:

- **Buying a Car**—Describe the process of purchasing your first car. Include information about insurance, maintenance cost, license fees, etc.
- **Careers in the Automotive Industry**—Research one or more careers in the automotive industry such as technician, engineer, salesperson, or assembly. Include education requirements, salary, and a basic job description.
- **Advanced Maintenance**—Explain dashboard instrument icons and warnings, maintenance intervals or any advanced maintenance procedure such as how to install spare tire or use tire mobility kit, how to change the oil and proper disposal of the waste, how to inspect and replace lights. *Pictures/images showing the steps are recommended.