

STEM Small Engines – Not eligible for State Fair

Class

46061L – Small Engines – Up to 3 exhibits in this class- Restore a car. Present or create a display about safe, responsible driving. Make a poster or video about how to drive cheaper and smarter. Make a display or video comparing gasoline and diesel engines. Give a small engine demonstration. Build or explain a wind generator design. Design and explain a circuit. Make an electricity safety poster, display, or video. Restore a tractor body. Restore a tractor engine. Make a poster, display, or video about the tractor safety poster. GPS-guided information poster. Make a video, exhibit, or display about welding safety. Make a video or poster that shows what tractors are for and how they are used. Make a display, report, or video about how to decide which tractor to buy. Compare costs and features. Make a display that shows the differences between mechanical and hydraulic transmissions and lifts. Restore, recondition, or rebuild a tractor. Show what you did with a photo series or video of the steps you took. Write a business plan for starting your own tractor-based business (lawn mowing, custom farm work, etc.)

Resources

Small Engines

Learn about safety, fuels, maintenance, restoration and operation of tractors and small engines.

URL: <https://shop4-h.org/products/small-engines-curriculum-set-of-4>