

Harlan County High School Project Lead The Way pre-engineering program recently studied the six simple machines -- lever, wheel and axle, pulleys, inclined plane, wedge, and screw -- and gears and sprockets. Students were tasked to build a compound machine including at least three of the simple machines or gears/sprockets. The compound machines must have each chosen simple machine working together to achieve some task. Some of the pictured machines are in the beginning stages of catapults, tanks, and elevators.

