

Woodworking and Metalworking

Mehlville School District
Industrial Technology
Grades 6 - 8, Duration 1 Semester

Rationale

Technical careers are in high demand in these areas. This course will give the student an opportunity to learn about and work with materials. The student will acquire technical skills to use in the future for their own personal use or in a future career.

Course Description

In Woodworking and Metalworking, the student will be introduced to real-world life and job skills to enable the student to create projects and solve problems. The student will become well acquainted with the tools, methods and techniques involved in working with materials. The student will have the opportunity to work with both woods and metals, as well as develop math and communication skills.

Areas of study will include safety, layout, hand tools, and power tools.

Course Objectives

1. The student will learn and apply safety protocols in the technical classroom.
2. The student will read and develop plans for creating projects.
3. The student will use measurement, hand, and power tools to construct projects.
4. The student will utilize basic mechanical drawing tools to create simple, multi-view drawings.
5. The student will demonstrate the ability to finish projects involving sanding, painting, filing, staining, and finishing.

BOE June 14, 2018