



Reavis High School

Curriculum Snapshot/Cover Page for Woodworking



Unit 1: General Safety

10 Days	In this unit students will learn how to reduce or eliminate hazardous conditions around the woodworking shop. Students will be taught to handle and store materials properly.
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Unit 2: Machine Tool Safety

35 Days	In this unit students will learn the safety procedures necessary to operate the table saw, radial arm saw, jointer, and miter saw. The use of the band saw, planer and router table will also be covered.
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Unit 3: Wood Species

12 Days	In this unit students will be able to identify species of wood and their properties. Manufactured wood products such as plywood will also be covered.
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Unit 4: Measurement

9 Days

Students will become proficient at measuring as it pertains to woodworking. This unit will address both metric and English measurement.



Unit 5: Cutting and Shaping Wood

42 Days

Students will demonstrate through project construction the ability to machine wooden materials. Several projects will be constructed to show proficiency in using various tools.



Unit 6: Joinery

26 Days

Students will demonstrate the ability to assemble wood pieces using various wood joints. Students will be able to identify and select appropriate wood joints based upon their applications.



Unit 7: Reading Working Drawings

10
Days

Students will learn to create a "Bill of Materials" and "Plan of Procedures". Students will learn to interpret both working drawings and scaled blueprints.



Unit 8: Wood Fasteners

14
Days

Students will be exposed to the variety of fasteners utilized in woodworking. Students will select appropriate fasteners based upon their applications.



Unit 9: Wood Finishes

20
Days

Students will demonstrate proficiency in surface preparation prior to applying specific wood finishes. Students will learn the application of various wood finishes and their properties.