

I. 6th Grade Woodworking Fundamentals

- Safety
- Shop Rules, Procedures, and Responsibilities
- Planning the Work
- Measurement and Marking (accuracy to 1/8")
- Basic Woodworking and Hand Tool Use
- Introduction to Materials and Forest Products
- Cutting and Shaping Stock
- Drilling and Introduction to the Drill Press
- Project work: Curved project, Squared Project
- Finishing of Projects

II. 7th Grade Woodworking Fundamentals

- Safety
- Shop Rules, Procedures, and Responsibilities
- Project Design and Planning
- Measurement and Marking (accuracy to 1/16")
- Woodworking and Introduction to Power Tools including Jigsaw, Miter Saw
- Introduction to Materials and Forest Products
- Cutting and Shaping Stock
- Introduction to Wood Joints
- Clamps, Fasteners, and Adhesives
- Preparation and Finishing of Projects
- Manufactured Lumber and Forest Projects

III. 8th Grade Woodworking Fundamentals

- Safety
- Shop Rules, Procedures, and Responsibilities
- Project Design
- Measurement and Marking (accuracy to 1/16")
- Working Drawings
- Planning the Work
- Woodworking and Tool Use: Introduction of Lathe and Router
- Materials and Forest Products
- Turning and Shaping Stock
- Making Wood Joints
- Jigs and Fixtures
- Clamps, Fasteners, and Adhesives
- Preparation and Finishing of Projects
- Wood Product and Manufacturing Careers