



LINCOLN-WOODSTOCK COOPERATIVE SCHOOL DISTRICT COURSE SYLLABUS

Course Name: MS Woodworking

Semester: Quarterly class

Teacher: J. Wilson

Course Description:

The primary goal of this course is for students to safely design, plan, and construct a functional woodworking project using fundamental hand and power tools. Each student will have several projects to take home.

Competencies or Standards Assessed:

Demonstrate general shop safety by identifying tool safety rules and maintaining a safe workspace.

Identify names of wood dimensions, accurately measure, use tools to mark and layout a project on wood, and read a simple plan.

Use hand tools: cut wood by hand, drive fasteners, and clamp a project to create, assemble, shape, and refine it.

Use power tools with supervision (belt sander, Dremel tool, and woodburning tool) to shape and refine a project.

Understand and execute basic joining methods for wood (butt joints and wood glue).

Apply adhesives, sand and clean, and apply a basic finish.

Complete at least one woodworking project from start to finish.

Anchor Texts or Major Curriculum:

No text is used.

Course Outline (major units of study):

Unit Title	Essential Question or Overarching Understanding
Shop Safety and Procedures	How can I demonstrate shop safety?

Measuring, Marking, and Layout	How do I accurately plan for and lay out a woodworking project? How do I use a tape measure and a square?
Hand Tool Skills	When should I and how do I safely and proficiently use a hand saw, hammer, screw driver, and cordless drill?
Power Tool Introduction (Under Supervision)	When should I and how do I safely and proficiently use a belt sander, Dremel tool, and woodburning tool?
Project Assembly	How do I join pieces of wood together using nails, screws, or wood glue?
Project Finishing	How do I properly sand my project and apply mineral oil, stain, or paint?
Design and Problem-Solving	How do I successfully complete a simple, functional woodworking project?

Portrait of a Learner

Independent Learner

I make thoughtful plans and do my best to reach personal goals using feedback to work through challenges.

Responsible Collaborator

I work with others to achieve shared goals by listening actively, contributing ideas, and managing conflict.

Critical Thinker

I analyze information, ask thoughtful questions, and apply reasoning skills to solve problems and make decisions.

Effective Communicator

I express ideas clearly, adapting strategies based on the audience, setting, and/or purpose.

Global Citizen

I show that I care and take responsibility by helping in my community and the world around me.

Additional Classroom Expectations:

Students must adhere to the classroom and the woodshop safety expectations established during the first week of class.