

Unit 3 Box

Content Area: **21st Century Life & Careers**
Course(s): **Woodworking 1**
Time Period: **Marking Period 1**
Length: **4 Weeks**
Status: **Published**

Unit Introduction

Standards

9.3.12.AC.2	Use architecture and construction skills to create and manage a project.
9.3.12.AC.6	Read, interpret and use technical drawings, documents and specifications to plan a project.
9.3.12.AC-CST.5	Apply practices and procedures required to maintain jobsite safety.
9.3.12.AC-CST.8	Demonstrate the construction crafts required for each phase of a construction project.
9.3.12.AC-CST.9	Safely use and maintain appropriate tools, machinery, equipment and resources to accomplish construction project goals.
ARCH.9-12.9.4.12.B.(2).17	Use craft skills to meet or exceed teacher and/or employer expectations.
ARCH.9-12.9.4.12.B.(3).3	Apply construction skills when completing classroom projects and/or repairing, restoring, or renovating existing worksite structures to ensure long-term use of buildings and structures.
TECH.8.2.12.C.5	Create scaled engineering drawings of products both manually and digitally with materials and measurements labeled.

Essential Questions

How do you create a rabbit joint?

Why is proper layout important?

Why would you want to pre-sand parts?

Why do you need to dispose of oil soaked rags in a specific way?

Content / Skills

Engineering Drawing

Milling lumber

Joinery layout procedures

Joinery - rabbit, dado, butt

Proper gluing techniques

Sanding

Finishing