

# Unit 6 Independent Project

Content Area: **21st Century Life & Careers**  
Course(s): **Woodworking 1**  
Time Period: **Marking Period 2**  
Length: **6-8 Weeks**  
Status: **Published**

## Unit Introduction

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## Standards

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9.3.12.AC.1	Use vocabulary, symbols and formulas common to architecture and construction.
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.
9.3.12.AC-DES.6	Apply the techniques and skills of modern drafting, design, engineering and construction to projects.
STEM.9-12.9.4.12.O.(1).3	Demonstrate the ability to select, apply, and convert systems of measurement to solve problems.
STEM.9-12.9.4.12.O.(2).2	Apply science and mathematics when developing plans, processes, and projects to find solutions to real world problems.
STEM.9-12.9.4.12.O.55	Identify and demonstrate positive work behaviors and personal qualities needed to succeed.
STEM.9-12.9.4.12.O.68	Employ planning and time management skills and tools to enhance results and complete work tasks.
TECH.8.2.12.C.5	Create scaled engineering drawings of products both manually and digitally with materials and measurements labeled.

## Essential Questions

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Why is layout important?

Why would you want to have a plan and order in which to do your project?

## Content / Skills

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Project designing

Creating engineering drawings

Material selection and milling of lumber

Joinery

Glue-up

Sanding

Finishing