

Unit 11 Plumbing

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

Unit Introduction

Standards

9.3.12.AC.1	Use vocabulary, symbols and formulas common to architecture and construction.
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.2	Demonstrate mathematics knowledge and skills required to pursue the full range of postsecondary education and career opportunities.
STEM.9-12.9.4.12.O.30	Employ computer operations applications to manage tasks.
STEM.9-12.9.4.12.O.48	Employ teamwork skills to achieve collective goals and use team members' talents effectively.
STEM.9-12.9.4.12.O.51	Employ mentoring skills to assist others.
STEM.9-12.9.4.12.O.58	Maintain a career portfolio to document knowledge, skills, and experience in a career field.

Essential Questions

1. When and Why do we need plumbing skills?
2. Where do you see the need for plumbing?

Content / Skills

Textbooks:

Modern Carpentry and Building Construction

Skills (See Below):

- craftsmanship
- design process
- dimensioning
- Layout
- math operations
- measurement
- mechanical drawing
- safety
- sectioning
- teamwork
- visualization