

Unit 09 Masonry

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

Unit Introduction

Standards

9.3.12.AC	Architecture & Construction
9.3.12.AC-CST	Construction
9.3.12.AC-DES	Design/Pre-Construction
9.3.12.AC-MO.3	Apply construction skills when repairing, restoring or renovating existing buildings.
9.3.12.AC-MO.4	Determine work required to repair or renovate an existing building.
9.3.12.AC-MO.5	Plan and practice preventative maintenance activities to service existing buildings.
9.3.12.AC-MO.6	Maintain and inspect building systems to achieve safe and efficient operation of buildings.
AAAA.K-12.1	Inquire, think critically, and gain knowledge.
AAAA.K-12.4.4	Self-Assessment Strategies
WORK.K-12.9.1.A	Career Awareness and Planning
WORK.K-12.9.2.F	Safety

Essential Questions

What can you build with Brick and Block?

What can you build with Pavers?

Content / Skills

Mixing Practice Mortar using a Hoe and Shovel

Masonry Tools: Trowel, Wire Brush

Leveling off Block

Jointer for bricks and Block Jointer

Chalk line

String Line

4' level, Torpedo level, 2' Level

Measuring Tape and Folding Ruler

Footings

Brush

Projects:

Brick Wall 5-4-3-2-1 Pattern

Block Wall 5-4-3-2-1 Pattern

Corner Brick and Block

Small Wall using Block or Brick

Chimmney

Mix Mortar