

Unit 02 Measuring

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

Unit Introduction

Standards

12.9.3.ST	Science, technology, engineering & mathematics
MA.8.4.1.8 A.2	Demonstrate a sense of the relative magnitudes of numbers.
MA.8.4.1.8 A.c	How can counting, measuring, or labeling help to make sense of the world around us?
MA.8.4.2.8 D.A	Everyday objects have a variety of attributes, each of which can be measured in many ways.
MA.8.4.2.8 D.B	What we measure affects how we measure it.
MA.8.4.2.8 E.1	Develop and apply strategies for finding perimeter and area: Geometric figures made by combining triangles, rectangles and circles or parts of circles; Estimation of area using grids of various sizes; Impact of a dilation on the perimeter and area of a 2-dimensional figure; Impact of a dilation on the perimeter and area of a 2-dimensional figure.
MA.8.4.2.8 E.a	How can measurements be used to solve problems?
TECH.8.1.12.A.CS1	Understand and use technology systems. Measurement helps describe our world using numbers. We use numbers to describe simple things like length, weight, and temperature. Familiarity with common measurement units and a practical knowledge of measurement tools help students observe and understand the world around them. Knowledge of how to apply measurement techniques to everyday tasks can increase independence.

Essential Questions

Why is it important to understand how to measure?

What are the types of Measuring devises?

Content / Skills

Measuring Tape

Fractions

Squaring

Marking

Application