

Module 1: What is Earth Science?

Topic 3 Content: Basic SI Units of Measurement Notes

Introduction

Basi Introduction

i You may be used to measuring length in inches, feet, and miles, but how does measuring length change in the International System of Units (SI)? Each type of measurement has its own unit in the SI system. In this interactivity, click on each of the icons to learn more about the most important units of measurement you will use in Earth science.

Length

Mass

Temperature

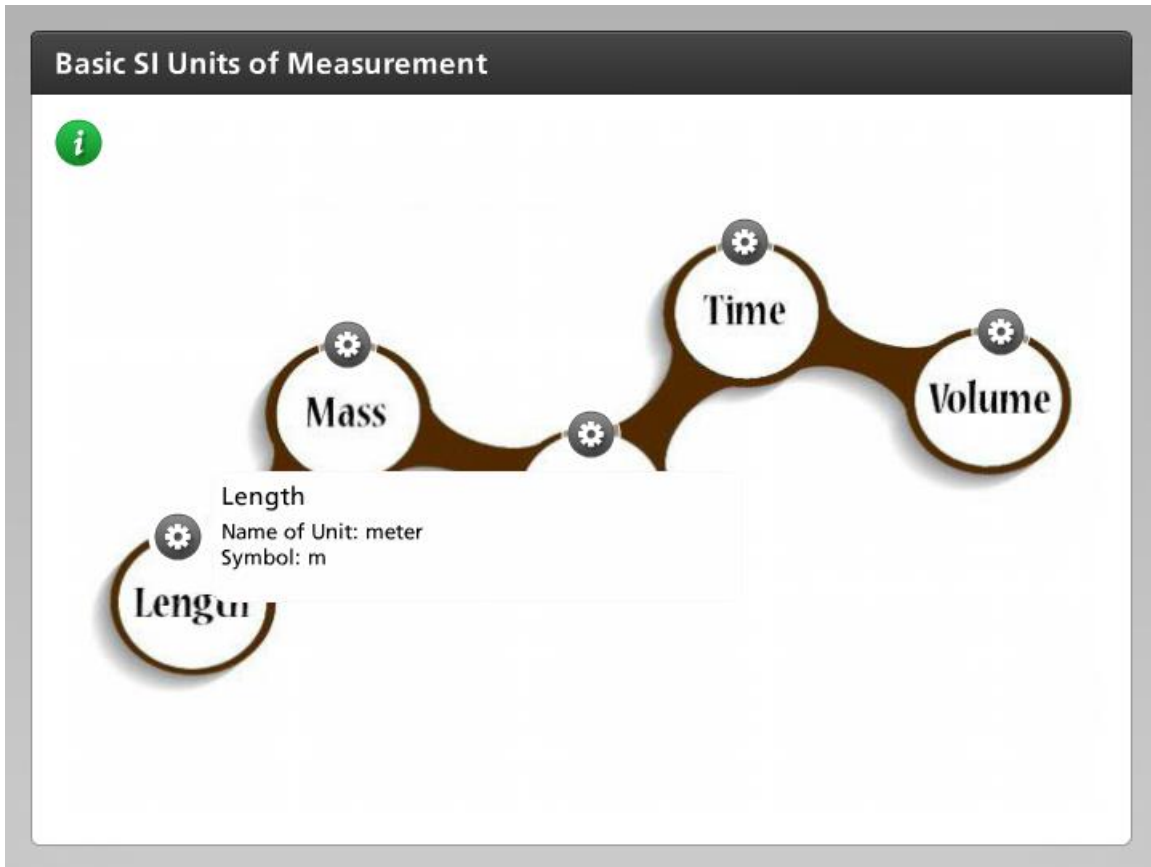
Time

Volume

You may be used to measuring length in inches, feet, and miles, but how does measuring length change in the International System of Units (SI)? Each type of measurement has its own unit in the SI system. In this interactivity, click on each of the icons to learn more about the most important units of measurement you will use in Earth science.

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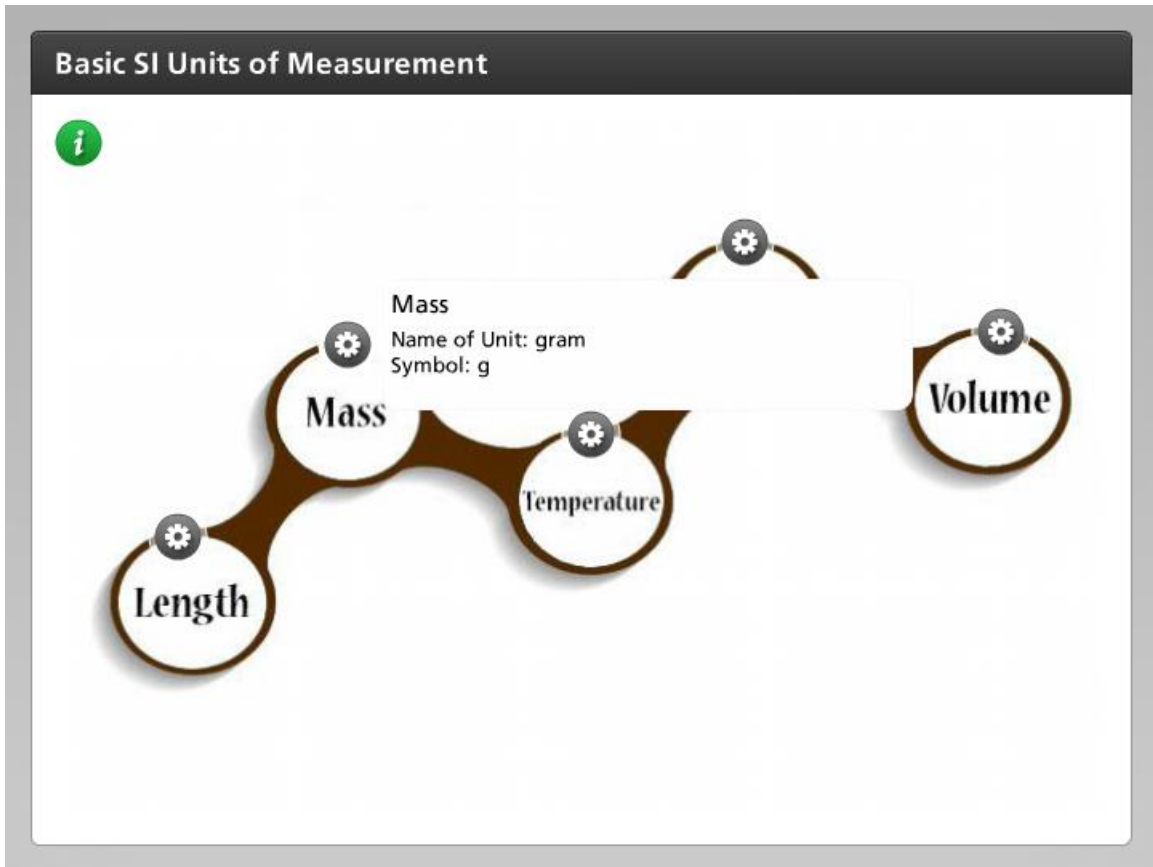
Length



Name of Unit: meter
Symbol: m

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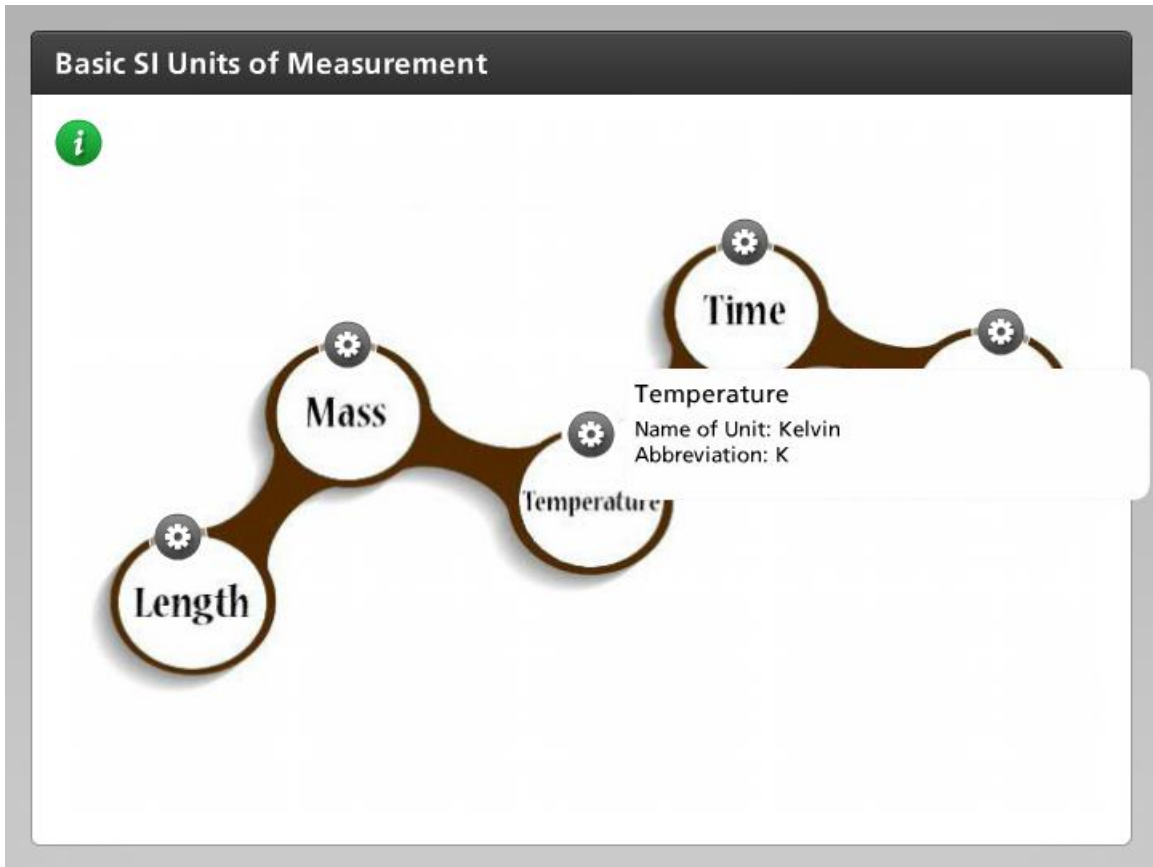
Mass



Name of Unit: gram
Symbol: g

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Temperature



Name of Unit: Kelvin
Abbreviation: K

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Time

Basic SI Units of Measurement

i

Time
Name of Unit: second
Abbreviation: s

Length

Mass

Temperature

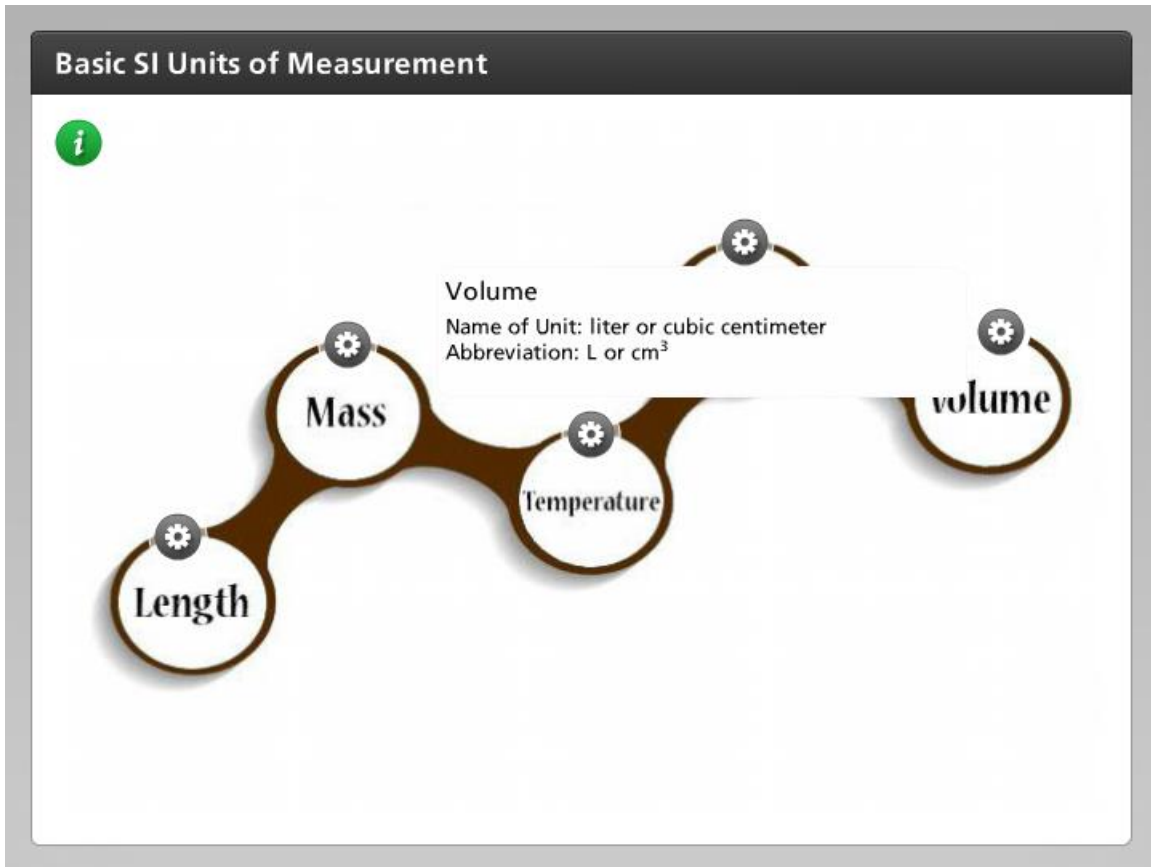
Time

Volume

Name of Unit: second
Abbreviation: s

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Volume



Name of Unit: liter or cubic centimeter
Abbreviation: L or cm³