

Science

Content Area: **Science**
Course(s): **Science 2**
Time Period: **Undefined**
Length:
Status: **Published**

Unit Overview

Essential Questions

What is science?

What questions do scientists ask?

What kinds of skills do scientists use?

How do scientists use tools and stay safe?

How do scientists find answers?

How do scientists collect and share data?

Content

Scientists ask questions about space, plants, animals, and soil.

Scientists use skills of observation, prediction, classification, comparison, and contrast.

Scientists use tools to measure and observe. Other tools keep scientists safe during experiments.

Scientists find answers by repeating investigations and using scientific methods.

Scientists collect and share data using tables, graphs and charts.

Skills

Explain that scientists ask questions and try to determine the answers.

Apply science skills effectively.

Identify tools, explain how to use them, and follow rules to stay safe.

Explain why scientists repeat their investigations.

Demonstrate how to record and show data.

Assessments

Ask questions about scientific investigations and make observations to infer and draw conclusions

Study Guide

Chapter Review

Chapter Test

Performance-Based Assessment, Program Guide, pg. 46

STEM Activity Book

Lessons/Learning Scenarios

Chapter 1: Lesson 1, Lesson 2, Lesson 3, Lesson 4, Lesson 5

Vocabulary

Study Guide

Chapter Review

Standards

SCI.K-2.5.1.2.A	Students understand core concepts and principles of science and use measurement and observation tools to assist in categorizing, representing, and interpreting the natural and designed world.
SCI.K-2.5.1.2.B	Students master the conceptual, mathematical, physical, and computational tools that need to be applied when constructing and evaluating claims.
SCI.K-2.5.1.2.C	Scientific knowledge builds on itself over time.
SCI.K-2.5.1.2.D	The growth of scientific knowledge involves critique and communication, which are social practices that are governed by a core set of values and norms.

Resources
