

A. Science

Content Area: **Science**
Course(s): **Science K**
Time Period: **Trimester 1**
Length: **6 weeks**
Status: **Published**

Unit Overview

In this unit students will investigate what science is and how to make observations in a safe way.

Essential Questions

What is science?

What questions can you ask?

How do you observe?

How do you learn together?

How do you share what you learn?

What do you use to observe?

How do you stay safe?

Can you use your five senses to make observations?

Content

Science is the study of living and non-living things.

I can ask: which object is heavy; which animal can fly; which object goes around and around?

I observe by looking, hearing and touching.

We learn together by working together and cooperating nicely.

I can share what I learn by drawing a picture of it.

I can use a magnifying glass, measuring cup, and computer to observe.

I stay safe by washing my hands before and after science experiments.

I can use my five senses to make observations.

Skills

Asking and answering questions

Observe using senses

Conduct fair tests

Identify ways to record and share information about observations and tests

Use tools to observe and collect data

Identify how using tools and following rules help children stay safe in science class

Assessments

Chapter Test

Interactive Science Journal: What questions can you ask?, How do you observe?, How do you learn together? How do you share what you learn? What do you use to observe? How do you stay safe?

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

Chapter one activity cards.

Hand lenses

Objects for making observations; rocks, shells, wood, material, and small objects.

" Me and My Five Senses" book.

5 senses file folder game.

Sense of smell matching game.

Sense of Touch matching game.