

E. Matter

Content Area: **Science**
Course(s): **Science K**
Time Period: **Trimester 3**
Length: **6 weeks**
Status: **Published**

Unit Overview

In this unit students will be introduced to matter and mixtures. They will also experience the states of matter through observations.

Essential Questions

What are matter and mixtures?

What are solids like?

What are liquids like?

What are gases like?

How can water change?

Content

A solid keeps its shape.

Liquids take the shape of their containers.

Gases, like air, can be clear and can fill containers like balloons, tires, and beach balls.

Water can melt, freeze, and boil.

Skills

Identify and measure solid objects.

Observe how liquids take the shape of their containers.

Tell that gases fill their containers.

Tell how water changes by freezing, melting, and boiling.

Assessments

Interactive Science Journal: What are solids like? What are liquids like? What are gases like? How can water change?

Chapter Test

Lessons/Learning Scenarios

Chapter 7: Lesson, 1, Lesson 2, Lesson 3 and Lesson 4

Activity Card pg. 214

States of matter will be demonstrated and discussed at morning meeting.

Students will observe the states of matter at the science center where the states of matter match game will also be available.

Standards

SCI.K-2.5.2.2.A.1	Sort and describe objects based on the materials of which they are made and their physical properties.
SCI.K-2.5.2.2.A.2	Identify common objects as solids, liquids, or gases.
SCI.K-2.5.2.2.A.b	Matter exists in several different states; the most commonly encountered are solids, liquids, and gases. Liquids take the shape of the part of the container they occupy. Solids retain their shape regardless of the container they occupy.

Resources

Separated liquid discovery bottles

Balloons and air pump

Ice cubes

States of matter match game.

Chapter 7 activity card.

