

Our Picnic, The Study of Matter

Unit Plan Overview

The Unit Plan Overview assists teachers in understanding which pieces of the Unit Plan will be used daily. It lists the Assessment tools, Lesson Plans, and Student Web Lessons that the teacher will need for a particular day.

Day 1

Diagnostic Assessment

This assessment is available from the unit-attached files.

Day 2

Lesson Plan

What Do We Need For Our Picnic?

This lesson uses literature to stimulate the students' prior knowledge of items that would be taken on a picnic. These items are then grouped according to their physical properties.

Day 3

Lesson Plan

A Closer Look

Using literature to stimulate recall, students and Curious George learn that objects are composed of many parts. Students group objects by their physical characteristics and various compositions. Magnifying glasses will be used.

Student Web Lesson

Packing For the Park

Students group various objects using their physical characteristics. This Student Web Lesson is available from the unit-lesson links.

Day 4

Summative Assessment #1

Our Picnic: Summative Assessment #1

This assessment is available from the unit-attached files.

Day 5

Lesson Plan

Solid, Liquid, or Gas?

Using literature to introduce the states of matter, students identify physical characteristics and group objects for a picnic by their states of matter.

Day 6

Lesson Plan

What State Is It?

After reviewing the states of matter and reading *Bartholomew And The Oobleck*, students create some oobleck and then use the descriptions of the states of matter to categorize the oobleck.

Day 7

Lesson Plan

States of Water

Students identify the various states of water. Hypothesizing and hands-on experimenting on changing the states of water assist students in understanding the properties of water and the role of heating and cooling in the changes of state.

Day 8

Summative Assessment #2

States of Water

This assessment is available from the unit-attached files.

Lesson Plan

Melt the Ice

As students explore the properties of water, they hypothesize how to cause changes from a solid and gas state to a liquid state. Students use their new knowledge to have an ice cube melt race.

Day 9

Lesson Plan

Freeze Pops

Students experience problem based learning as they use prior knowledge of the states of matter to keep a Freeze Pop from melting. This lesson is literature based.

Day 10

Final Summative Assessment

Jiggles

This assessment, with specific instructions, is available from the unit-attached files.