



Broward County Public Schools Videoconference

Reading Rascals

Lesson: What's the matter?
Instructor: Dr. Evelyn Nelson-Weaver
BECON Distance Learning Teacher

Grade Level: First Grade

Sunshine State Standard: SC.A.1.1

Benchmark: SC.A.1.1.1, SC.A.1.1.2 and SC.A.1.1.3

Objective(s):

1. Students will compare objects and classify them as a solid, liquid, or gas.
2. Students will recognize that water can exist in different states.

SCIENCE SKILL EMPHASIS: Predict.

LITERATURE CONNECTION:

Book Title: What is Matter?

Author: Don L. Curry

Publisher: Scholastic, Inc., New York, NY (2004)

Summary: A picture book describing the forms of matter.

Book Title: Matter and Energy

Author: Daniel J. Spero

Publisher: Evan Moore, Corp., Monterey, CA (1994)

Summary: Hands-on activities designed as an introduction to matter and energy.

Book Title: 101 Science Poems & Songs for Young Learners

Author: Meish Goldfish

Illustrator: Bari Weissman

Publisher: Scholastic, Inc., New York NY (1996)

Summary: Colorful illustrations accompany poems and hands-on science activities for children in grades 1–3.

MUSIC CORRELATION: *Folk Song Tune:* “Oh Dear What Can the Matter Be”

New Words: Oh dear! What can the matter be?
Oh dear! What can the matter be?
Oh dear! What can the matter be?
Solid or Liquid or Gas?

GROUP ACTIVITY:

- Videoconference Instructor will use the books listed above to give information about matter and its forms
 - What is matter? *Matter is anything that takes up space.*
 - Is air matter? *Air is a gas.* (Use empty cup upside down over cup with water in it.)
 - Predict what will happen to the paper inside the cup?
 - Is a rock matter? *It is a solid.* (Put rock into cup of water.)
 - Is water matter? *It is a liquid.* (Pour water into cup of water.)

- Instructor will display examples of a solid, liquid, and gas.
 - solid = glass bowl
 - liquid = pour liquid soap bubble mixture into bowl
 - gas = blow on your hand (air) blow bubbles (fill soap with air)
- Instructor will introduce the three forms of water – Students will predict what will happen if:
 - Water is frozen? solid = ice
 - Water is melted? liquid = water
 - Water is boiled? gas = steam from boiling water
- Instructor will introduce the song, “Oh Dear What Can the Matter Be”
- Students will identify a gas, liquid, or solid in the game “What’s the Matter?”

MATERIALS NEEDED: None

EXTENSION:

Related Website:

Kindergarten Activities: “Bottle Blow-up”

<http://www.eecs.umich.edu/mathscience/funexperiments/quickndirty/scholastic/bottleblowup.html>

Forms of Water Lesson Plan

<http://atozteacherstuff.com/lessons/FormsofWater.shtml>