

Bottle Balloon

Gallery: MBBY

Course Name: What's the Matter

Grade Level: 2nd grade

Activity: Pre

Approximate Time Required: 30 min.

Vocabulary:

Matter
Solids
Liquids
Gases

Objective:

Students will learn about the three states of matter by experimenting with solids, liquids, and gases.

Materials Needed:

Vinegar
Alka seltzer tablets
Balloon
2 liter bottle
Dixie Cups

Procedure:

1. Divide students into groups. Pass out materials: empty 2 liter bottle, 1 alka seltzer tablet, 2 tablespoons of vinegar in a Dixie cup, and a balloon. Point out the tablets are a solid, and the vinegar is a liquid. Ask students to predict how they might make a gas?
2. Place vinegar into the bottom of the bottle. Add the alka seltzer and quickly place the balloon over the opening.
3. Observe what happens

Evaluation:

Draw and write about what you observed.

Georgia Standards:

S2P1, S2CS4