

## *Changes Activity Bag*

### **Solids and Liquids: Student Activity Guide**

We notice shapes all around. A clock, a brick, and a pencil all have shapes we know. What is the shape of liquids? What is the shape of lemonade, water, or milk? This activity will explore the shapes of solids and liquids. These directions will get you started. Your teacher will help you and provide information.

#### **Materials From The Bag**

- Container A
- Container B
- Container C
- Container D
- Scoop
- Paper Cup

#### **You Will Need**

- Water
- Science Notebook or Student Activity Sheet from the teacher

#### **Part 1: Liquids**

1. Look at **container A, container B, container C, and container D.**
2. Draw each of the containers.
3. Fill each container with water.
4. Draw the shape of the water.

5. What do you notice?

*What's happening....*

Liquids do not keep their shape. All liquids take the shape of the container that they are in. Water, milk, and juice are examples of liquids.

## **Part 2: Moving Water**

1. Fill up the paper cup with water.
2. Use the scoop and put 3 scoops of water into **container A**.
3. Pour the water from **container A** into **container B**.
4. Pour the water from **container B** into **container C**.
5. Pour the water from **container C** into **container D**.
6. Describe what happened to the water.

*What's happening....*

Liquids may have the same volume but don't look the same. The same volume of water changed shape every time you poured it into another container. Solids have their own shape. In this activity, what are the solids? How do you know? In this activity, what is the liquid? How do you know?

**Save the containers for the other activities.**