

Sorting Everyday Things

WHAT YOU NEED



Find Out

Do this activity to see how you use your senses to put things in groups.

Process Skills

Observing
Predicting
Classifying
Communicating
Inferring

Time

- 20 minutes each day for two days

Provide students with different objects to test each day.

WHAT TO DO



- 1. Look** at each thing. **Mark** the chart to tell what you see.
- 2. Predict** whether each thing will bend. Put a check on the chart if you predict it will.
- 3.** Gently push each thing. See if it bends. **Color** the square on the chart if it bends.

- 4. Predict** whether each thing will float or sink. Put a check in the box you predict.
- 5.** Put each thing in water. **Watch** to see if it floats or sinks. **Color** the square on the chart to show what happened.



Recording Sheet

What It Is	Color	Made of	Bends	Sinks	Floats

Provide another chart for students to continue the investigation.

Conclusions

1. How are the things alike?

Answers will vary based upon the items students observe, but should

reflect an understanding of shared physical properties.

2. How are they different?

Answers will vary based upon the items students observe, but should

reflect an understanding of differences in physical properties.

New Questions

1. How could you put these things into two groups?

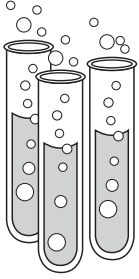
Answers will vary. Possible groups include: things that float and things that sink.

2. Ask a new question you have about how things are alike and different.

Accept all new questions.



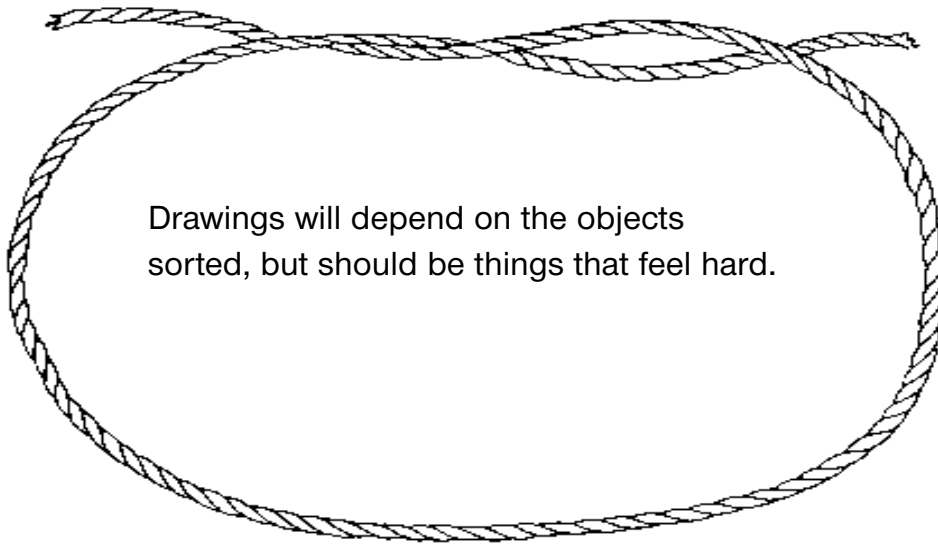
Name _____



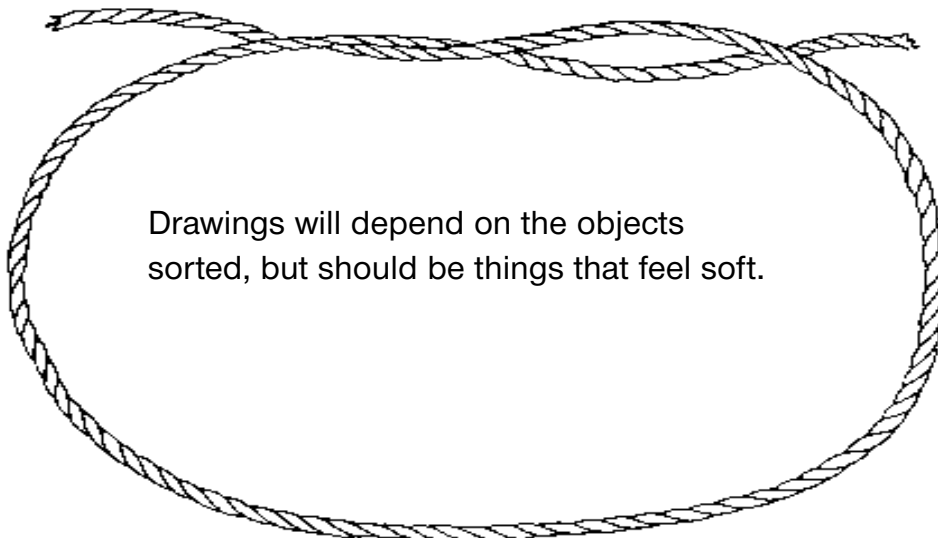
ACTIVITY

Making Groups

Draw the hard objects.



Draw the soft objects.

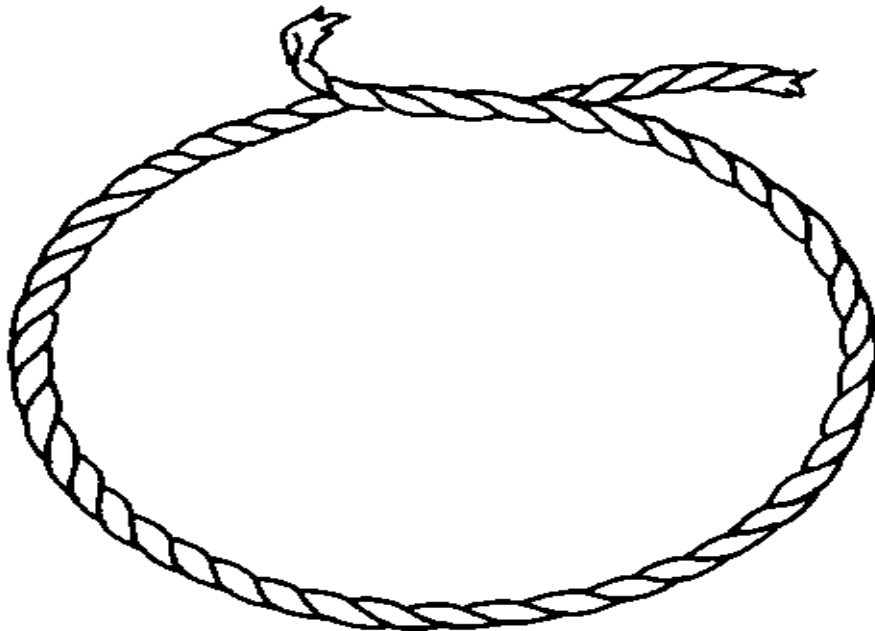
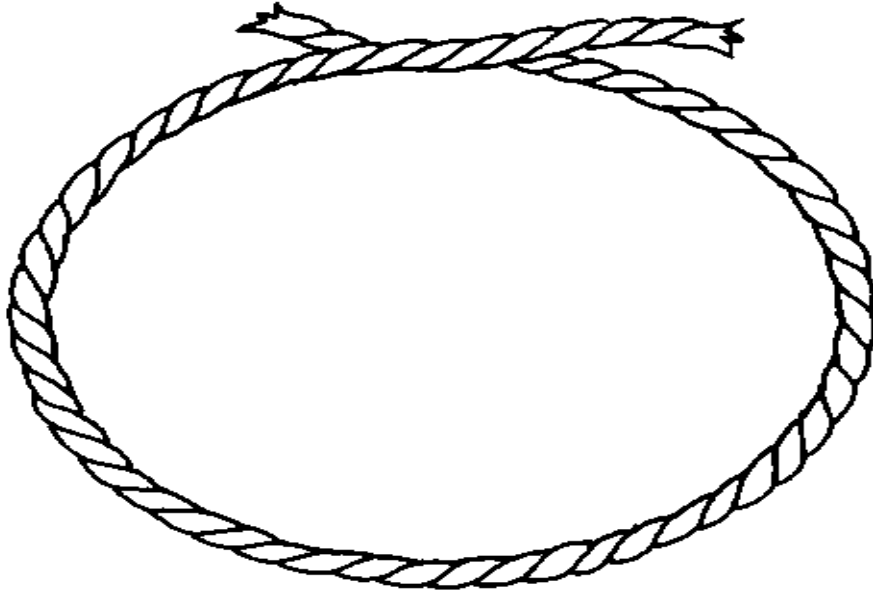


Activity Journal

Lesson 1 • Alike and Different

Name _____

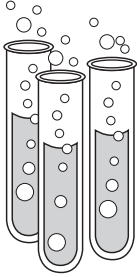
Draw two new groups.



Drawings will depend on the objects used, but things could be sorted by color, size, shape, texture, weight, or another new grouping.

As an extension of the activity, have students put objects in order according to their properties: hardest to softest, lightest to heaviest, roughest to smoothest, and so forth.

Name _____



ACTIVITY

Sinking and Floating

Predict which things will float. **Draw** two things.



Drawings will depend on the objects tested.

Predict which things will sink. **Draw** two things.



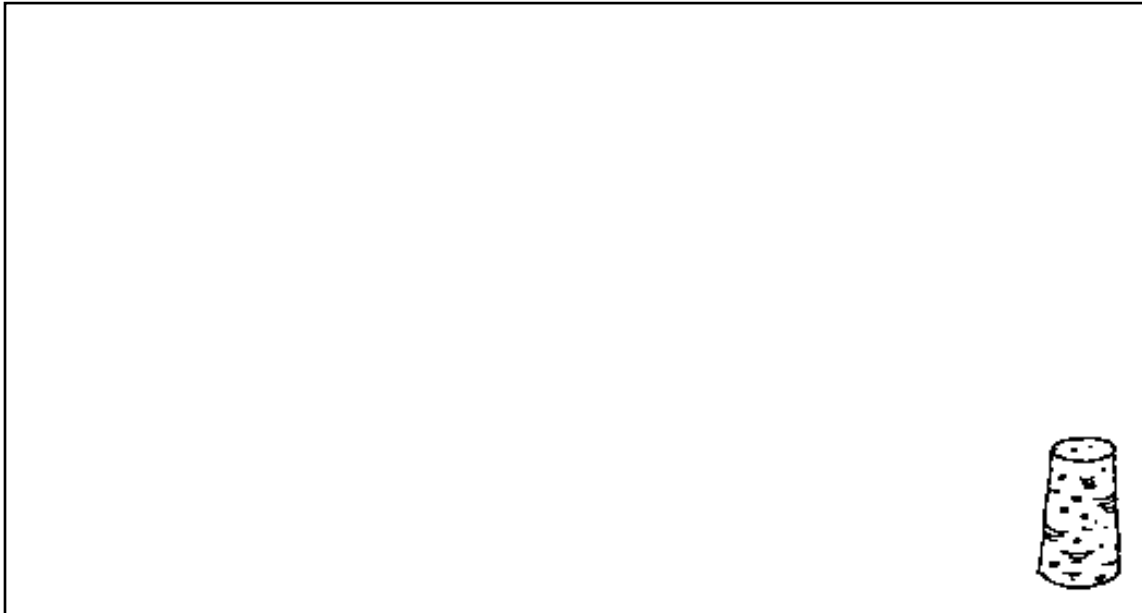
Drawings will depend on the objects tested.

Activity Journal

Lesson 2 • Differences in Matter

Name _____

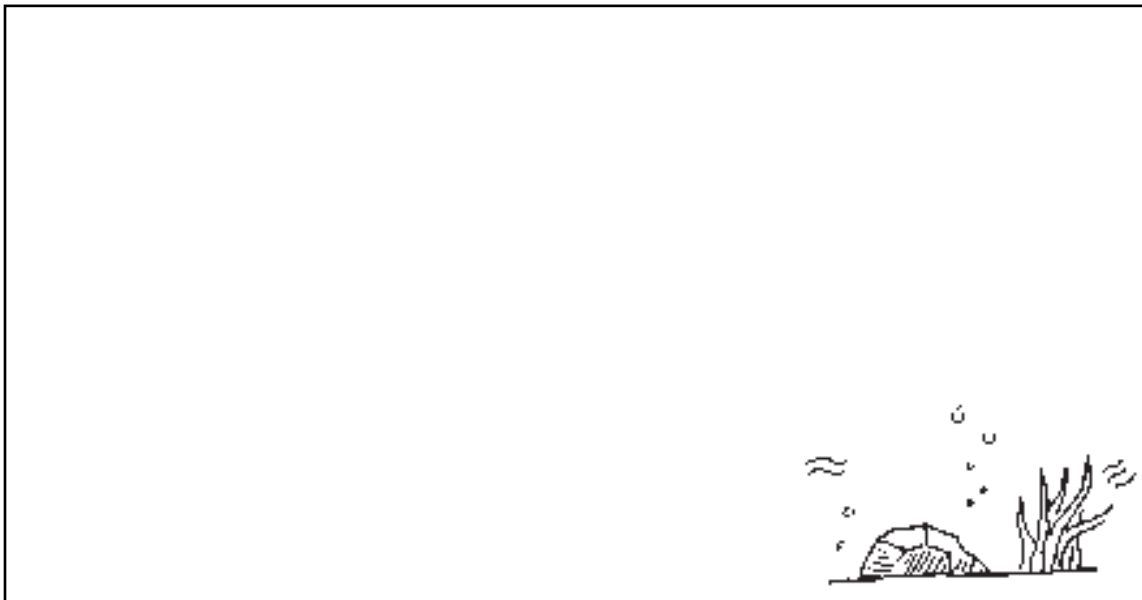
Draw the objects that float.



Drawings will depend on objects tested, but should all be of objects that float.

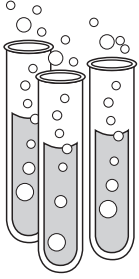
Draw another thing that will float.

Draw another thing that will sink.



Drawings will depend on objects available.

Name _____



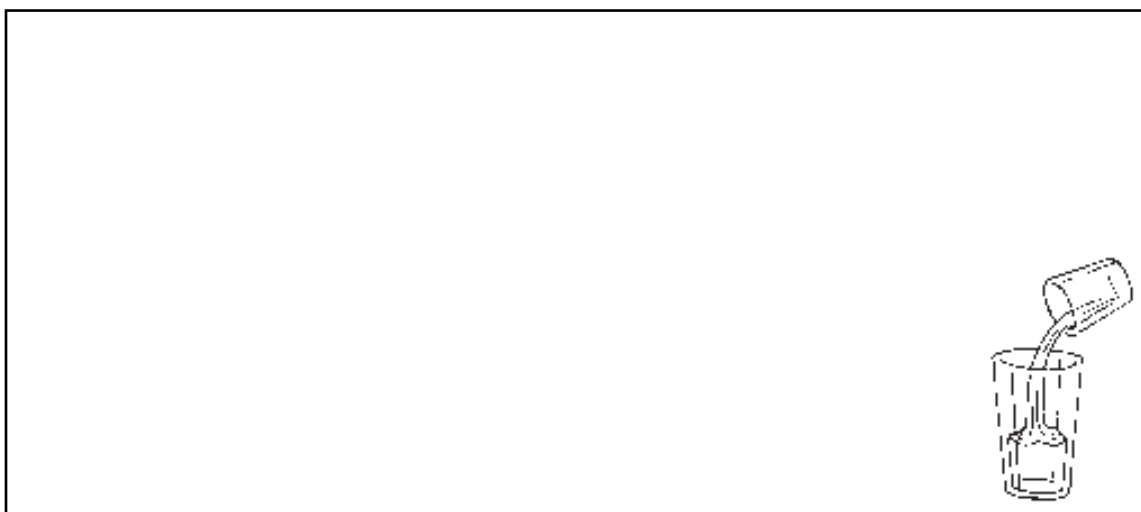
ACTIVITY

Pouring Water

Pour water into a cup. **Draw** what you see.



Pour water into another cup. **Draw** what you see.



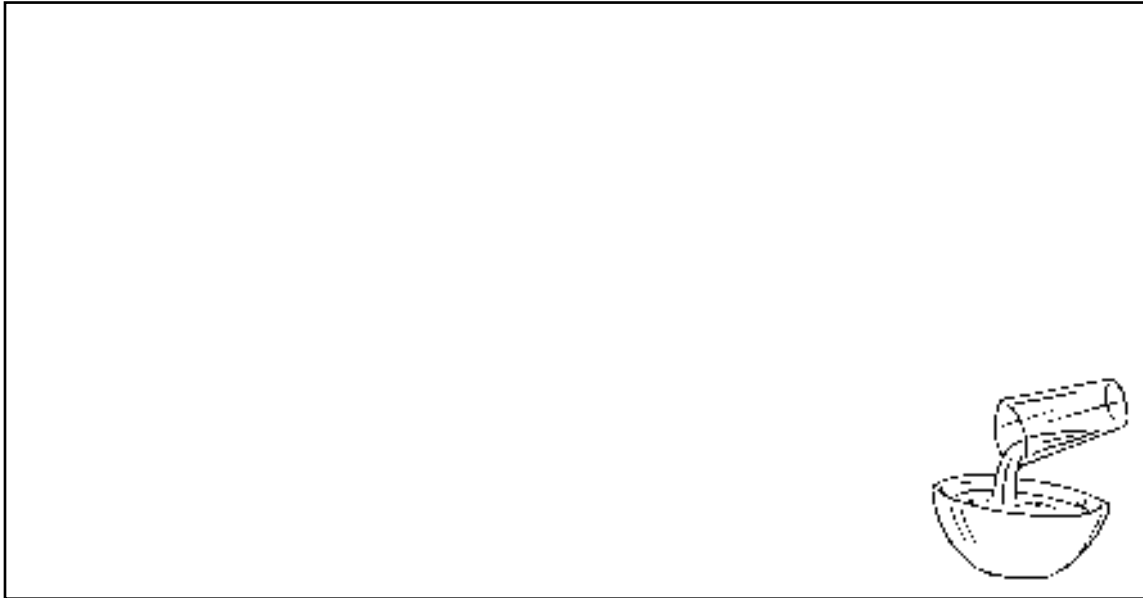
Drawings will depend on the shape of the cups used.

Activity Journal

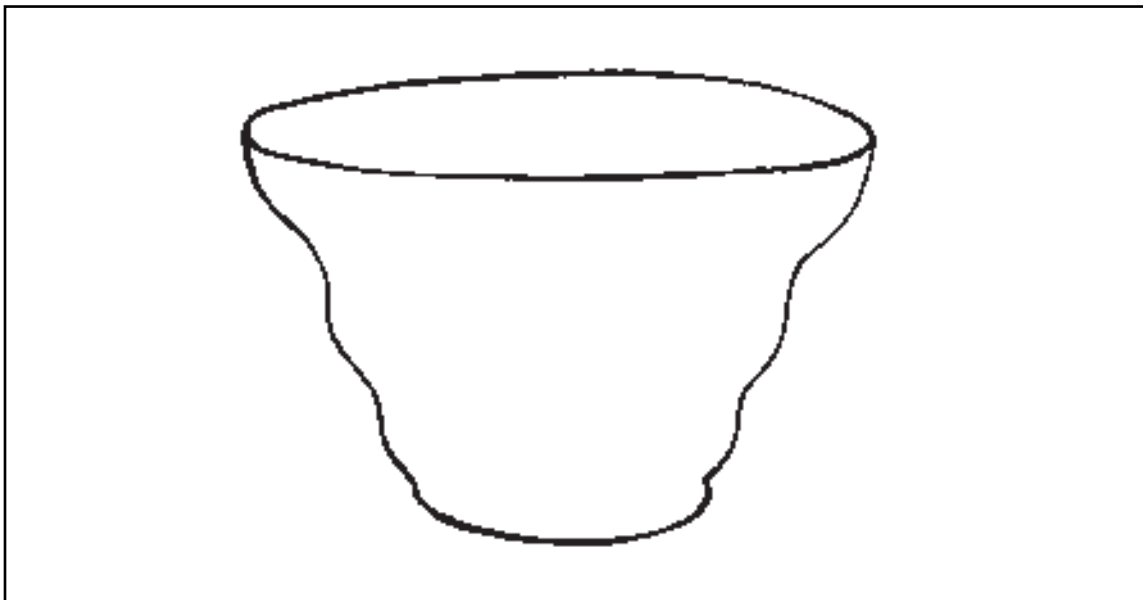
Lesson 3 • Three Forms of Matter

Name _____

Pour water into a dish. **Draw** what you see.



How would water look in this dish? **Draw** the water.



Drawings will depend upon the shape of the dishes used.