

Student Name: _____ Date: _____

Sample: TIPS SCIENCE, Grade 3
MATTER: THREE FORMS OF MATTER

Dear Parent,

We are learning to identify matter in its different forms. This activity will help build science skills in observing and classifying forms of matter. I hope you enjoy this activity with me.

This assignment is due _____.

Sincerely,

Student Signature

OBJECTIVE To recognize and locate matter in three states – solid, liquid, and gas.

DEFINITIONS **solid:** a substance that holds its own shape and has volume

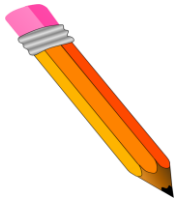
(e.g., a pencil is a solid)

liquid: a substance that cannot hold its own shape, but has volume.

(e.g., juice is a liquid)

gas: a substance that has no shape or volume

(e.g., water vapor is a gas)



PROCEDURE

1. Discuss the following with your family partner. Who is working with you? _____

YOU circle the appropriate state of matter for each of the following items. The first one is done for you.

a. a marble

SOLID

LIQUID

GAS

b. a puddle

SOLID

LIQUID

GAS

c. car exhaust

SOLID

LIQUID

GAS

d. a xylophone

SOLID

LIQUID

GAS

e. milk

SOLID

LIQUID

GAS

f. soda bubbles

SOLID

LIQUID

GAS

g. air

SOLID

LIQUID

GAS

h. a snowman

SOLID

LIQUID

GAS

i. water

SOLID

LIQUID

GAS

j. an airplane

SOLID

LIQUID

GAS



NOW TRY THIS

1. With your family partner, think of a meal that you ate yesterday or today that includes at least two forms of matter. For example bread is a solid, water or soup is a liquid. Describe your meal and tell which stages of matter were present.

Things We Ate	What Stage of Matter?
_____	_____
_____	_____
_____	_____
_____	_____

2. Now draw a picture of your meal.

CONCLUSIONS

Discuss the following with your family partner. Then, you write the answer in a complete sentence.

Think of the three forms that water may take. How do people use each form of water?

HOME-TO-SCHOOL COMMUNICATION

Dear Parent,

Please give me your reactions to your child's work on this activity.

Write YES or NO for each statement.

- _____ 1. My child understood the homework and was able to discuss it.
- _____ 2. My child and I enjoyed the activity.
- _____ 3. This assignment helped me know what my child is learning in science.

Comment: _____

Parent Signature: _____