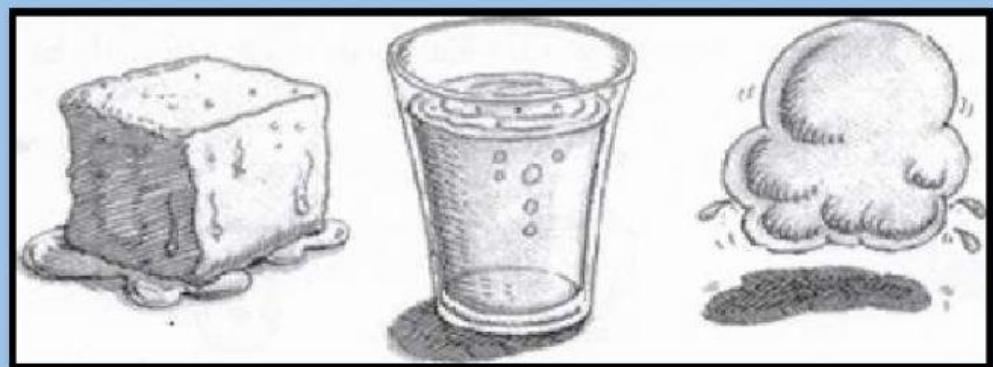


Name \_\_\_\_\_ Date \_\_\_\_\_

## Interdisciplinary Unit - What is Matter?

Watch the video and read the notes. Then answer the questions below.

Matter is anything that has mass and takes up space. Mass is the amount of matter an object has. Matter is everywhere. The three states of matter are solid, liquid and gas. A solid takes up space and has a definite shape. It does not lose its shape. Liquids have volume that stays the same, but it can change its shape. A liquid takes the shape of its container. A gas does not have a definite shape. It takes the shape of the container. It fills empty spaces. A gas does not have a definite volume. Volume is the space that matter takes up. Water can be a solid, gas or a liquid. Water as solid may be ice or snow. Water as gas is water vapour.



SOLID

LIQUID

GAS

Answer the following questions:

1. Mass is the amount of \_\_\_\_\_ an object has. [1]
2. Liquids take the shape of their \_\_\_\_\_.
3. \_\_\_\_\_ do not have a definite shape or volume. [1]
4. \_\_\_\_\_ do not have a definite shape, but they do have a definite volume. [1]
5. \_\_\_\_\_ have a definite shape and volume. [1]
6. \_\_\_\_\_ as a solid can be ice. [1]
7. When water is in a gas form it is \_\_\_\_\_. [1]

8. Look at each picture below. Write the words solid, liquid, or gas to identify each. [6]

