



# States of Matter

## Activity Worksheet

1. Name the 3 States of Matter and draw a particle diagram for each.



\_\_\_\_\_



\_\_\_\_\_

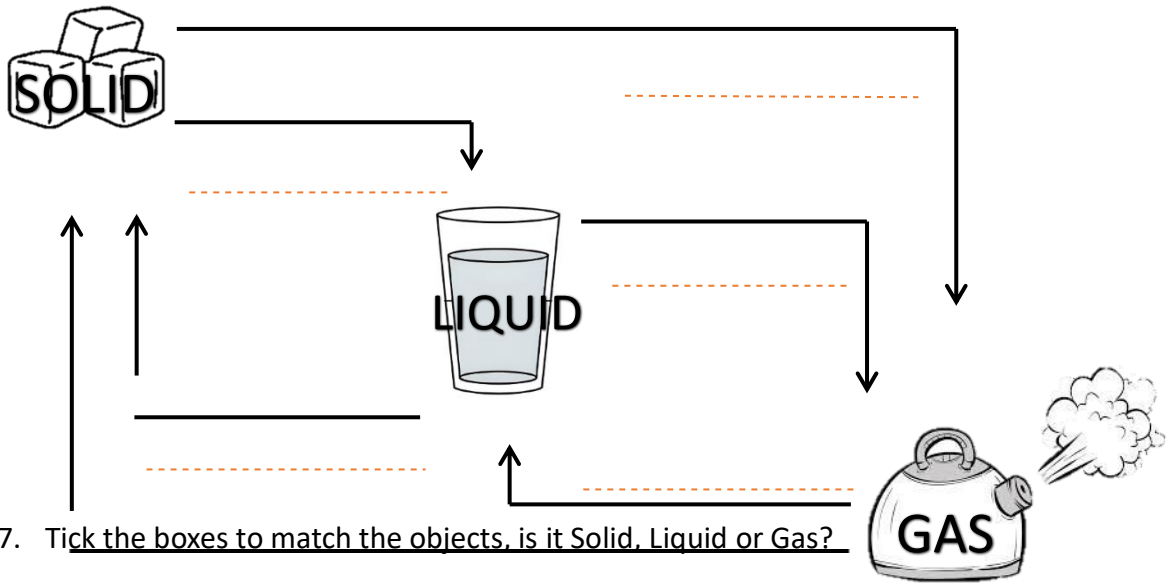


\_\_\_\_\_

2. Matter is anything that takes up \_\_\_\_\_
- a. Time
  - b. Space
  - c. Light
  - d. Sound
3. If an object is hard or holds its shape it is a \_\_\_\_\_
4. Something that can fill a container, but isn't seen is a \_\_\_\_\_
5. What can fill a space but can be poured, spilt and flow? \_\_\_\_\_
6. Fill in the blanks:

Use the words below to complete the diagram.

1. Freezing	2. Evaporation	3. Condensation	4. Melting
5. Sublimation	6. Deposition		



7. Tick the boxes to match the objects, is it Solid, Liquid or Gas?

----- *Solid*                      *Liquid*                      *Gas*

Orange Juice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ice Cream	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slime	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clouds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can of drink	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Humans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. What is dry ice made of?

9. How cold is dry ice?

10. True or False:

A. The two states of matter you can see are Solid and Liquid. \_\_\_\_\_

B. Only non-living things are matter. \_\_\_\_\_

C. Gases have a definite shape. \_\_\_\_\_

D. Water can be a Solid, Liquid and Gas. \_\_\_\_\_

E. The particles of Solid matter are spread out. \_\_\_\_\_