

# STATES OF MATTER

Chapter 7 & 8



Use the information below to answer the  
exercises

# Fill in the blanks

1. Matter is anything that has \_\_\_\_\_ and takes up \_\_\_\_\_.
2. Matter is made up small particles called \_\_\_\_\_.
3. Matter can be found in three states \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
4. The particles in a solid are really close together. For this reason, solids have a definite \_\_\_\_\_ and mass.
5. The particles in \_\_\_\_\_ have a little bit of space between them and can move more freely. For this reason, liquids have a definite mass and take the \_\_\_\_\_ of the container their in.
6. The particles in \_\_\_\_\_ are really far apart and can move freely. For this reason, gases do not have a definite size or shape. That is why you can walk through without noticing it.

# Match the following concepts

When energy is applied to solids, they can turn into liquids. This is called:

When energy is applied to liquids, they can turn into gas. This is called:

When a gas is cooled it can turn into a liquid. This is called:

When a liquid is cooled it can turn into a solid. This is called:

Solidification

Fusion

Evaporation

Condensation

# Label the steps of the water cycle

