



STATES OF MATTER

The three states of matter are solid, liquid and gas. In each state, the particles that make up the matter behave differently. Show how the particles are arranged in solids, liquids and gases:

Solids

Liquids

Gases

Fill in the table below:

	Solids	Liquids	Gases
Arrangement of particles			
Movement of particles			
Shape of substance			

The particles that make up matter change their behaviour according to the temperature. At higher temperatures, the particles move faster and at lower temperatures the particles slow down. Therefore, by adding heat to matter, solids can be converted to liquids and liquids to gas. Similarly, by removing heat from matter, gases can be converted to liquids and liquids to solids.