



# States of Matter

# Matter

- **Matter** is anything that occupies space and has a mass

The 3 States of Matter are:

1. Solid
2. Liquid
3. Gas

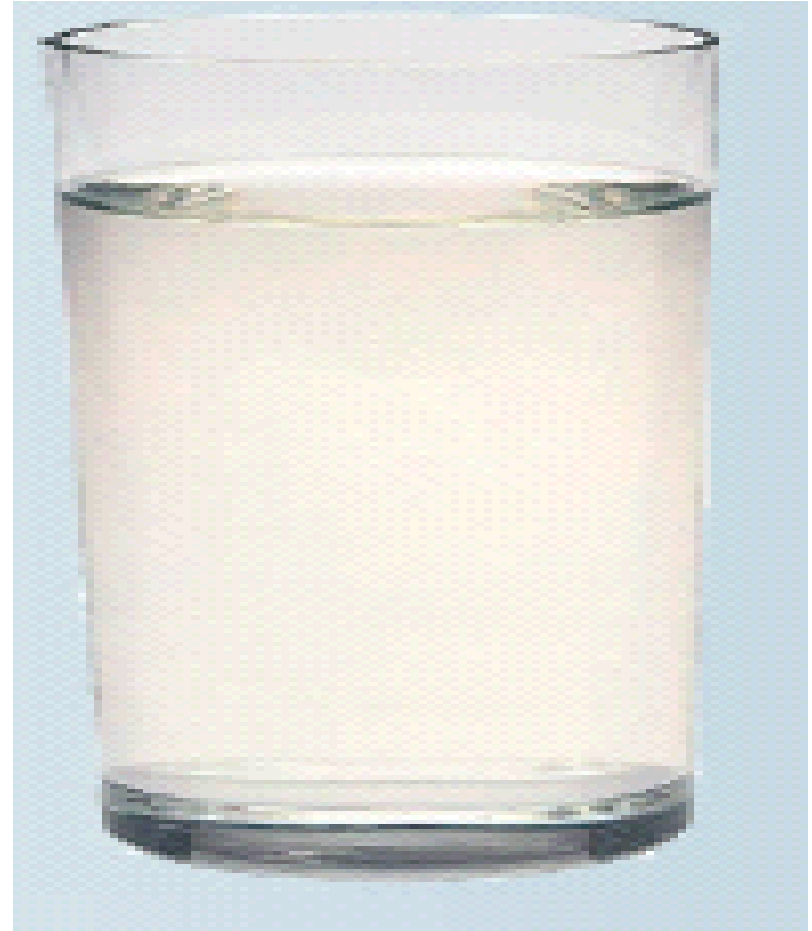
# Solid

- Water in a solid state of matter is known as **Ice**



# Liquid

- Water in a liquid state of matter is known as **Water**

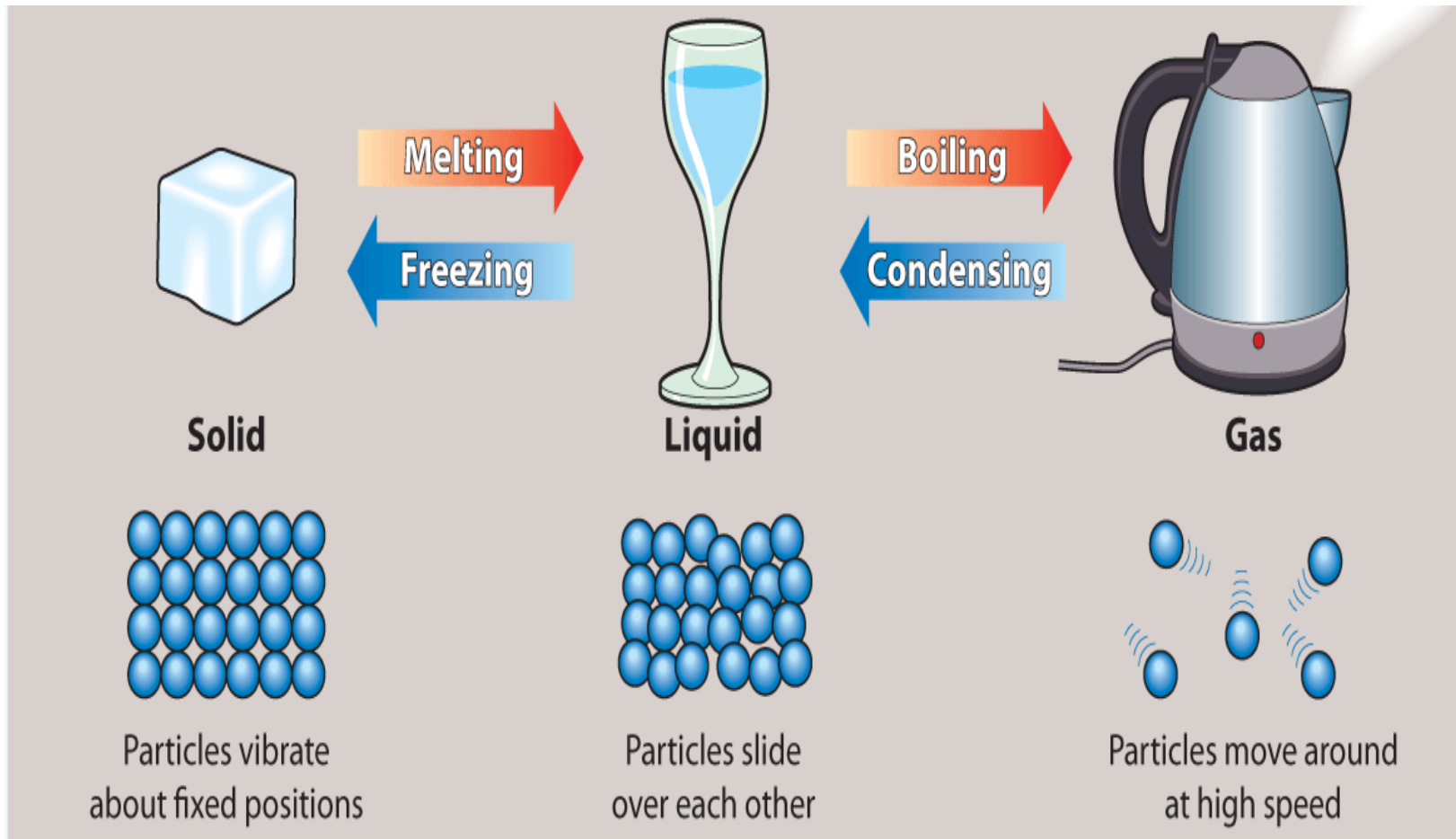


# Gas

- Water in a gaseous state of matter is known as **Steam**



# Changing State



▲ Fig 17.18

# Characteristics of Solids, Liquids and Gases

| <b>SOLID</b>    | <b>LIQUID</b>     | <b>GAS</b>         |
|-----------------|-------------------|--------------------|
| Definite Shape  | No Definite Shape | No Definite Shape  |
| Definite Volume | Definite Volume   | No Definite Volume |
| Can not Flow    | Can Flow          | Can Flow           |