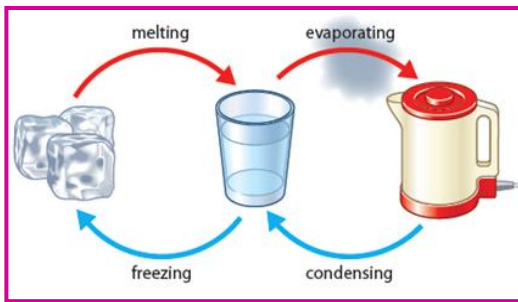




Science Knowledge Organiser

States of Matter

Chemistry



What should I know already

- That solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- That temperature changes throughout the seasons.
- That materials can be grouped together based on their properties.

Vocabulary

Solid	An object that holds its shape.
Liquid	This can be poured and forms a pool not a pile.
Gas	This will escape from an unsealed container.
Particle	What things are made from. They are minute.
Evaporation	The process when a liquid becomes a gas.
Condensation	The process when a gas becomes a liquid.
Precipitation	Rain, snow or hail.
Freezing	Is when a liquid is cooled to become a solid.
Melting	Is when a solid is heated to become a liquid.



By the end of the unit, I will know:

1. That a solid holds its shape.
2. That a liquid can be poured and forms a pool not a pile.
3. That a gas will escape from an unsealed container.
4. That melting is when a solid turns into a liquid.
5. That evaporation is when a liquid turns into a gas.
6. That condensation is when a gas becomes a liquid.
7. Precipitation is rain or snow falling back to earth.
8. That water boils at 100 °C.
9. That water freezes at 0 °C.

The Water Cycle

