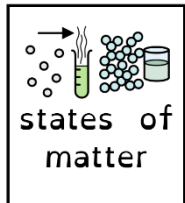
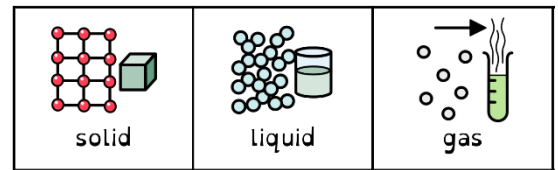


States of Matter



Science Term 4

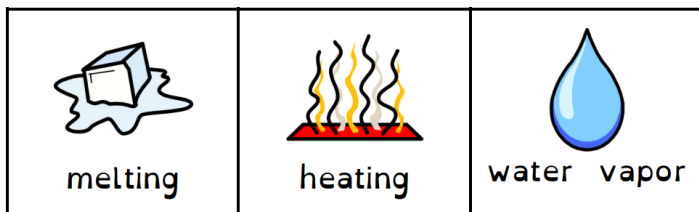


What should I already know?

- To know that objects can be made from different materials e.g. wood, plastic, glass, metal.
- To know the properties of some materials.
- Changes to materials – heating and cooling

What am I going to learn? (Sticky knowledge)

- To know and understand that materials can be solids, liquids or gases.
- To understand some materials change state when they are heated or cooled.
- To understand water as a solid, liquid and gas.
- To know whether a material can change and if that change can be reversed.
- To know that chemical reactions happen at different speeds.
- To understand how to measure or research the temperature at which changes occur in degrees Celsius ($^{\circ}\text{C}$).
- To be able to identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.



Vocabulary

solid	liquid	gas	condensation
freezing point	boiling point	degrees Celsius	evaporation
melting	heating	water vapor	reversible

