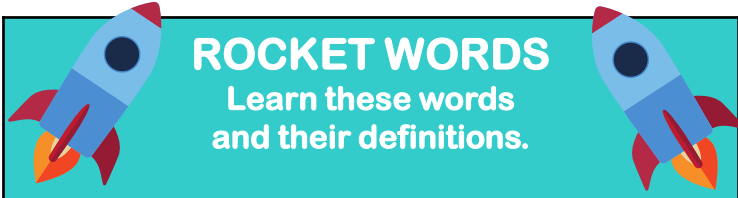


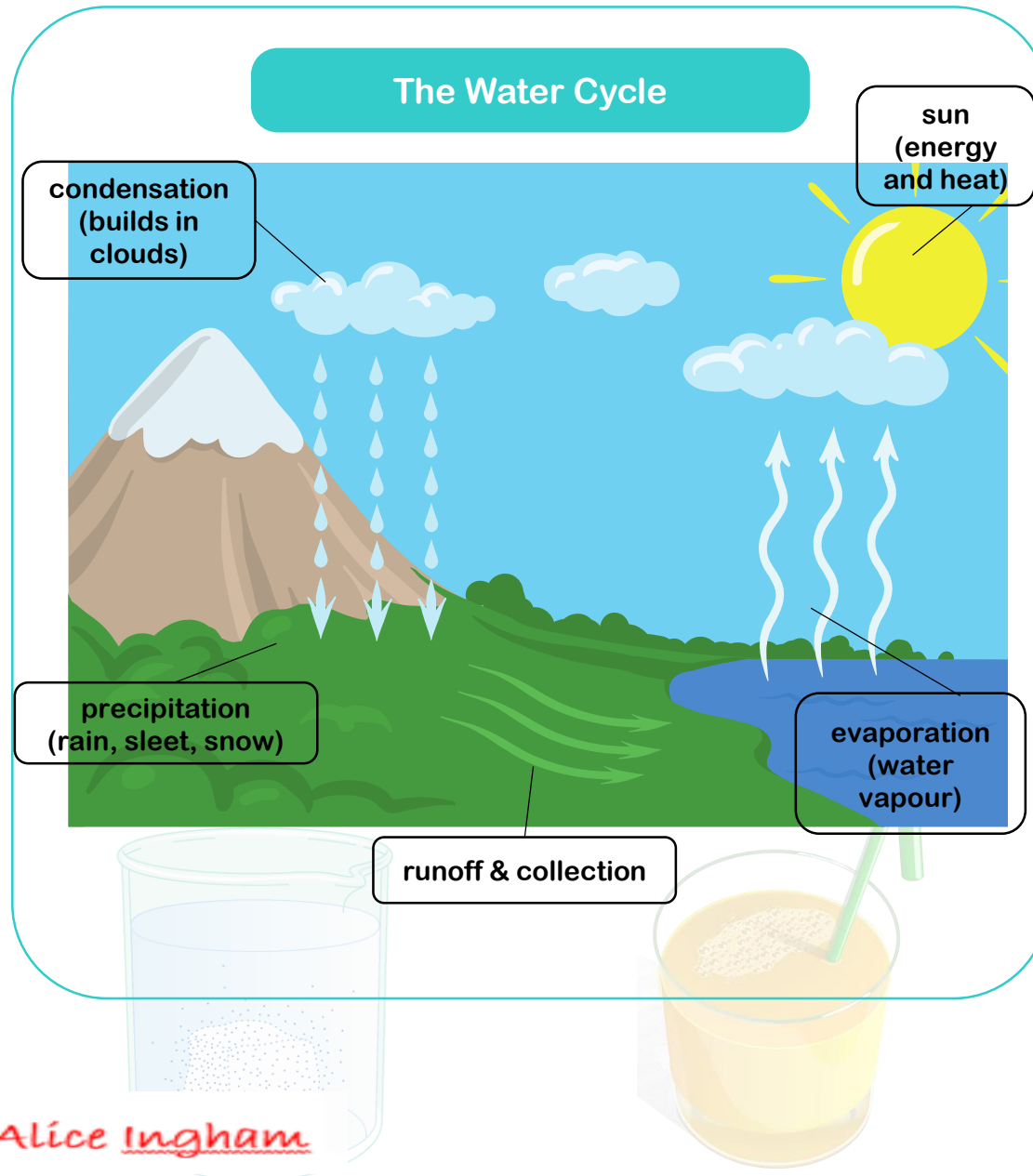
Year 4 – Autumn: Science Knowledge Organiser – States of Matter



ROCKET WORDS

Learn these words and their definitions.

Key Word	Definition
water cycle	The processes that water takes between the earth's oceans, land and atmosphere.
solid	A solid retains its own shape. It is rigid and has a fixed volume
liquid	A liquid fits the shape of the container it's in. Liquids are not rigid and can be poured.
gas	A gas can fit into any container it is put in.
evaporation	The process of liquid turning to vapour.
water vapour	The form water takes when it evaporates into a gas in the air.
condensation	The conversion of a vapour or gas to a liquid, often collects as droplets on a cold surface.



UNIT LESSONS

- To compare and group materials depending on whether they are a solid or a liquid.
- To identify and explore the properties of gases.
- To observe that materials change state when they are heated or cooled.
- To research the temperature in degrees Celsius (°C) at which materials change state.
- To understand the process of evaporation.
- To understand the process of condensation.
- To identify the part played by evaporation and condensation in the water cycle

