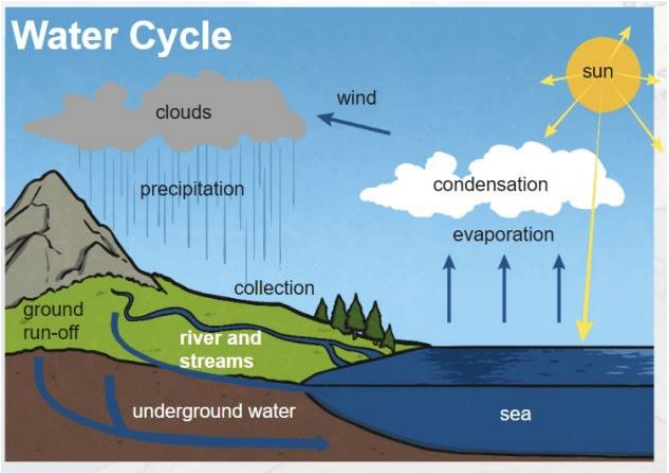
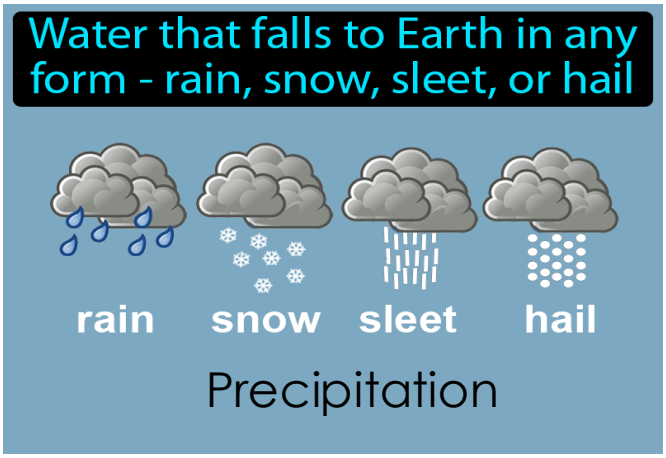
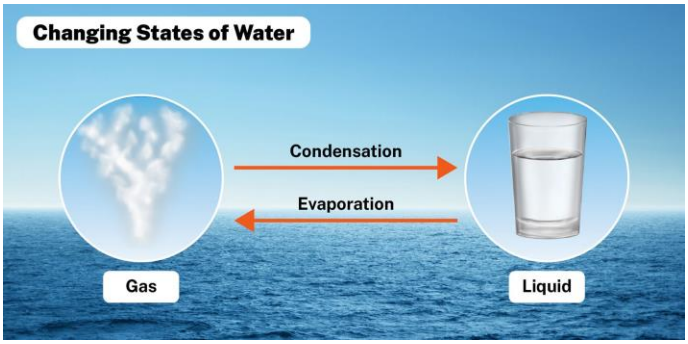
Year 4 Spring 2: **The Water Cycle**

Key Questions

Group materials and describe how materials change state at different temperatures, using this to explain everyday phenomena, including the water cycle.

Where does rain come from?

Key Vocabulary	Definition
Solid	A substance of matter - Firm and stable in shape – not solid or liquid
Liquid	A substance that flows freely but is of constant volume, having a consistency like water or oil.
Gas	A substance of matter which will expand freely to fill a container having no fixed shape.
Vapour	A substance that is below it's critical temperature
Evaporation	The process of turning from liquid into gas.
Condensation	The process of turning from gas into liquid.
Melt	The process of turning from solid into liquid.
Freeze	The process of turning from liquid into solid.
Heating	As matter heats, it forces changes to the next state of matter.
Cooling	As matter heats, it forces changes to the next state of matter.
Precipitation	Water that falls to Earth in any form – rain, snow, sleet or hail.