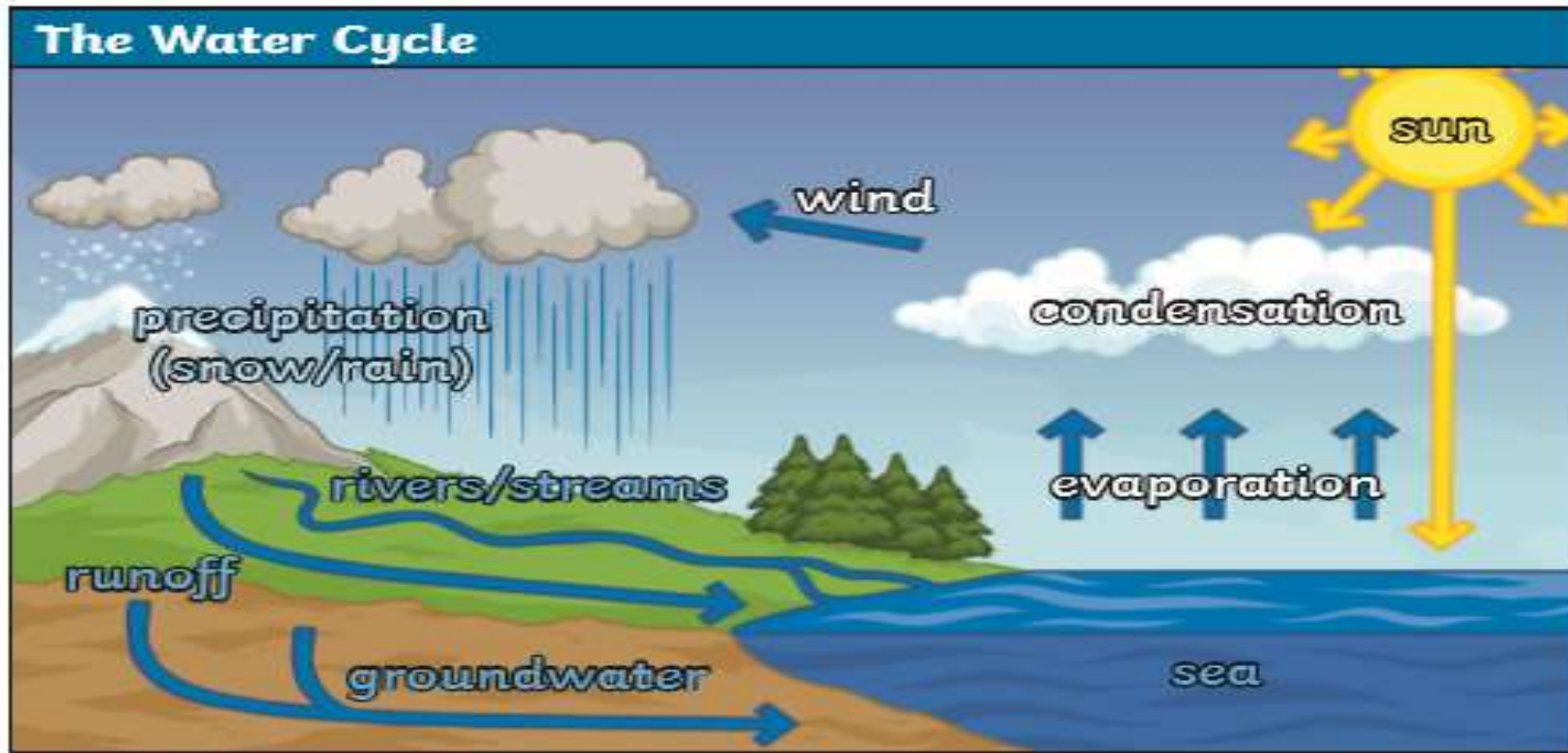


Clouds form when warm, moist air is cooled. When it is cooled, it condenses into tiny water droplets which appear as clouds.



Heat from the sun evaporates water, which rises, condenses in the cool air and then falls back down to earth.

Changing State

Evaporation

Evaporation occurs when a liquid changes into a gas or **water vapour**.



Condensation

Condensation is when a gas cools and changes to a liquid.



Melting

This is when a solid is heated and changes to a liquid.



Freezing

Freezing is the process of a liquid cooling and changing to a solid.



Vocabulary

Matter	Matter is any substance that has mass and takes up space by having volume
Solid	A type of matter where the atoms are close together and contains its shape.
Liquid	A type of matter with atoms that are able to move, this type of matter fills a contained space.
Gas	A type of matter with atoms that have a lot of space to move, this matter is invisible and tricky to contain.
Water cycle	The process of water going through the different types of matter.
Evaporation	When water is heated and turns into a gas.
Condensation	When the gas is cooled and turns into a liquid.
Precipitation	The scientific name for rain, sleet, hail or snow.
Water Vapour	Invisible water droplets that occur during evaporation and condensation.