




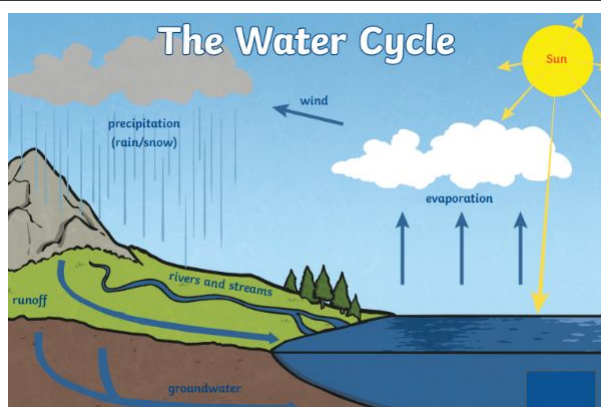


The Spring Partnership Trust – Knowledge Organiser

Geography Focus	Water	Weather	Climate	Year 4	Autumn
	 water	 weather	 climate		





What? (Key Knowledge)	
Water Cycle	Four step process of how water is recycled. Evaporation/Transpiration, Condensation, Precipitation and Collection.
Weather	Temporary conditions eg. heat, cloudiness, sunshine, wind, rain ... 
Climate	Climate is the average long-term weather pattern in a region. 
Cause of seasons	The tilt of Earth determines when the sun shines directly, equally or indirectly on it making it cooler or warmer, causing seasons.
Climate change	The long-term changes in temperatures and weather patterns caused by natural and human activities, especially burning of fossil fuels.

Diagrams and Symbols



Prior knowledge

EYFS- Daily weather checks
 Year 1- Climate of the UK
 Year 2 - weather differences between UK and Kenya

What? (Key vocab)	
Spelling	Definition
solid	Firm and stable in shape; not liquid or fluid.
liquid	A substance that flows freely but is of constant volume, having a consistency like that of water
gas	An airlike substance that moves around freely.
evaporation	The process that changes liquid water to gaseous water (water vapor). 
condensation	The conversion (change) of a vapour or gas to a liquid. 
precipitation	Rain, snow, sleet, or hail that falls to the ground. 
troposphere	The layer in the atmosphere where the weather is constantly changing. 
maritime	Air mass travelling over oceans.
continental	Air mass travelling over land.
greenhouse gases	The gases (methane and carbon dioxide) that make up the atmosphere which surrounds the Earth like a protective blanket.