

Knowledge Organiser Geography Year 4 Spring

The Water Cycle



St Elizabeth's Catholic Primary School
 "Love one another as I have loved you"

Prior knowledge

- Evaporation happens when water (a liquid) turns into water vapour (a gas) when it is heated.
- Condensation happens when water vapour (a gas) turns into small water droplets (liquid) when it is cooled.
- Plants absorb water through the soil to help them grow.




Geographical knowledge and skills covered in this topic

- Children will use a variety of maps, atlases and digital imagery to name and locate some of the UK's most significant rivers and mountain environments.
- Children will use geographical fieldwork to understand the physical geographical features of a river.
- Using a variety of different sources and fieldwork, children will understand the features of a river in the UK.
- Children will know what the most significant mountains and rivers in the UK are and where they are located.
- Children will use appropriate geographical vocabulary to describe a river and mountain environment.
- Children will know what the water cycle is and describe it in sequence, using appropriate geographical vocabulary.
- Children will know the name and explanation of the processes associated with rivers and mountains.
- Children will name and locate some of the world's great rivers and mountains.
- Children will know the answer to the question 'How does water go round and round?'.
- Children will know how some of the features associated with mountain and river environments form.

Key words

- Altitude:** the height of something above sea level
Channel: a landform; it is the outline of the path that a river takes
Condensation: the change of a state of matter – from gas to liquid
Confluence: the meeting of two or more streams of water
Erosion: the process of breaking things down and wearing things away, e.g. by water, wind or ice
Estuary: the mouth of a river where fresh river water and salt sea water meet and mix
Evaporation: the change of a state of matter – from liquid to gas
Glacier: a mass of ice that moves very slowly down from mountains
Infiltration: the process where water seeps into the ground (soil or rock)
Peak: the top of a mountain
Percolation: the movement of rainwater through soil and rock
Precipitation: forms of water that fall through the sky, e.g. rain, snow, sleet etc.
River: a large stream of flowing water that usually ends at the sea
Run-off: water that flows over the earth and does not evaporate away or filter into the ground
Scree: a pile of rock material that has eroded off a cliff and fallen to the base
Source: the beginning (original) part of a river.

Types of diagrams and images

Evaporation	Condensation
Evaporation occurs when a liquid changes into a gas or water vapour . 	Condensation is when a gas cools and changes to a liquid. 
Melting	Freezing
This is when a solid is heated and changes to a liquid. 	Freezing is the process of a liquid cooling and changing to a solid. 