

# SMRP Knowledge Organiser for Year 5 - Why is Water Important?



## Geography Knowledge

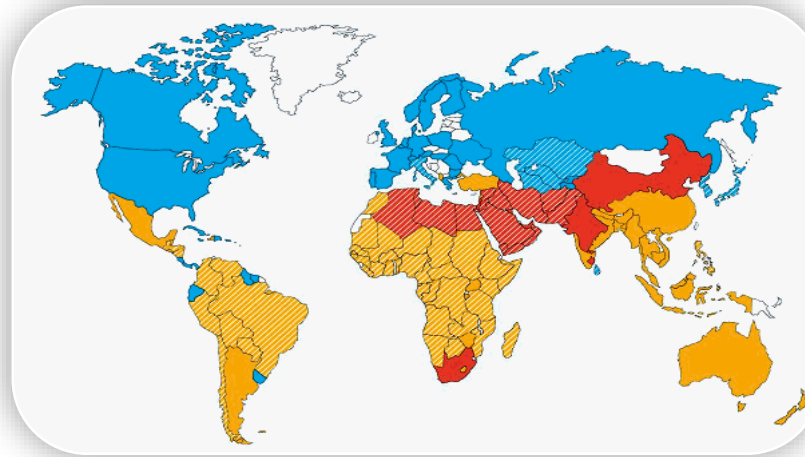
- Water is a vital resource which all plants and animals need to survive.
- About 75% of our planet is covered by water or ice.
- The **water cycle** is a complex system that includes many different processes. Water evaporates into gas, condenses to form clouds, and then precipitates. Some forms of precipitation include rain, snow, and hail.
- There are many places in the world that experience **water poverty**. This is where people do not have access to enough clean water to meet their basic needs.

## Human vs Physical Geography

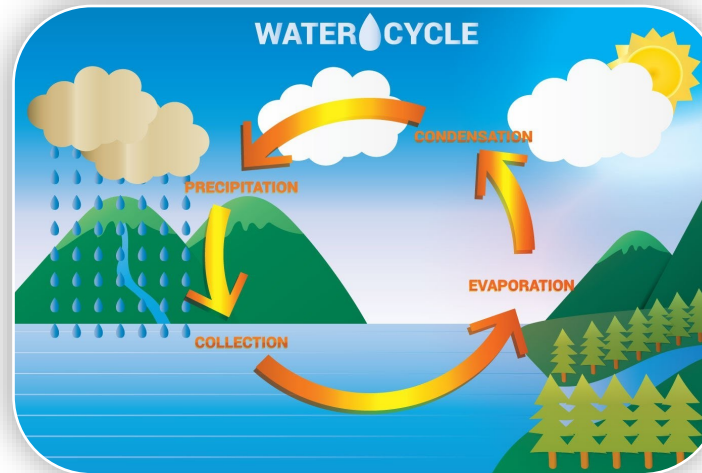
Human geography is how humans have interacted and shaped their environment. It tells us about the population, languages, cultures, temples, bridges and attractions across a region.



Physical geography is the natural environment e.g. rivers, rainforests, mountains and the climate across a region.



This map shows which countries are affected by water poverty. The red countries have less water because of physical reasons. The orange countries have less water because of economic reasons. The blue countries do not have water poverty issues.



The **water cycle** shows the continuous movement of water within the Earth and atmosphere.

## Geography Vocabulary

<b>Natural resources</b>	Resources that exist without any actions of human-kind. e.g. land, water and fossil fuels.
<b>Water cycle</b>	The continuous movement of water within the Earth and atmosphere.
<b>Water poverty</b>	Where people do not have access to enough clean water to meet their basic needs.
<b>Evaporation</b>	Where water changes from a liquid into a gas called <b>water vapour</b> .
<b>Condensation</b>	When water vapour forms clouds
<b>Collection</b>	How water runs downstream and collects in streams, lakes or the ocean
<b>Precipitation</b>	Rain, snow, hail.
<b>Sanitation</b>	The importance of hygiene to prevent diseases by maintaining clean conditions.