

# Medium Term Plan – Geography – Water/ Climate Zones



Lesson	National Curriculum links	Objective	Substantive knowledge	Disciplinary knowledge	Specific Vocabulary	Activities and resources
4/1	TWO DAY WEEK					
8/1	Describe and understand key aspects of the water cycle	To understand the three states of matter	Describe liquid, solid and gas Change water into solid, liquid and gas	I can explain how to change states of matter	Solid, liquid, gas, evaporation, condensation	<a href="#">Changing states</a> Change the state of water and watch the process
15/1	Describe and understand key aspects of the water cycle	To explain the key aspects of the water cycle	Explore the main aspects of the water cycle Explain the processes and where they occur	Understand why the water cycle is a closed cycle	Water cycle, precipitation, ground water, run off	<a href="#">The water cycle</a> Draw and label the water cycle
22/1	Describe and understand key aspects of the water cycle	To explain how clouds and rain are formed	Understand how changes in temperature cause evaporation and precipitation Look at different types of cloud	Explain how clouds are formed	Precipitation, condensation, evaporation	<a href="#">Making clouds and rain</a> Measure clouds Make a model water cycle
29/1	Describe and understand key aspects of the water cycle	To understand why and how water is treated	Where our water comes from Explore steps to treat water Suggest ways to remove dirt from water	Explain how and why drinking water is treated	Filter, treat	<a href="#">Treating water</a> Clean dirty water through filtration
5/2	Describe and understand key aspects of the water cycle	To understand the causes and effects of flooding	Causes of flooding Types of flooding Effects of flooding on communities	Describe some ways to limit flood damage	Flood, damage	<a href="#">Flooding</a> Link to recent Shrewsbury floods
12/2	HALF TERM					

CLIMATE ZONES						
19/2	describe and understand key aspects of: <ul style="list-style-type: none"> <li>physical geography, including: climate zones</li> </ul>	To understand that there are different climates and these are determined by latitude	The four main climate zones Geographical location determines climate	Climate is the long term weather pattern of an area latitude	Climate Latitude Weather Polar Temperate Subtropics tropical	Use atlases to identify latitude and climate zones
26/2	describe and understand key aspects of: <ul style="list-style-type: none"> <li>physical geography, including: climate zones</li> </ul>	To understand the climate of the polar regions	Day light hours Vegetation Population Animal habitat	Inhabitability Day light hours temperature	Polar Arctic Antarctic	Identify on globe and maps Identify countries, day light hours quiz
4/3	describe and understand key aspects of: <ul style="list-style-type: none"> <li>physical geography, including: climate zones and biomes</li> </ul>	To understand the climate of tropical regions	Identify the Equator and the tropics On a globe Identify countries located within the tropics Identify weather patterns	The tropics are hot all year round but have varied rainfall	Tropic of Cancer, Tropic of Capricorn, tropical	Use globes and atlases to identify areas research a country within the tropics
11/3	describe and understand key aspects of: physical geography, including: climate zones and biomes	To understand the climate of temperate regions	Where are the temperate regions? Locate countries within and compare weather patterns	Uk is a temperate climate be able to compare with tropical	Temperate vegetation	Use globes and atlases to identify areas research a country within temperate zones
18/3	describe and understand key aspects of: physical geography, including: climate zones and biomes	To describe how climate is affected by latitude	How many climate zones are there in America? Look at the expanse of the country and identify the differences	One country can span many climate zones and have varying weather patterns	Latitude Polar Temperate Subtropics Tropical Biome	Use atlases to help complete table of climate zone and biomes in America