



Pinner Wood School



Year Group	5	Term	Autumn 2	Subject	Geography	Topic	Changing Climate
						Key Question	How are our actions affecting our climate?
Prior Learning and other Curriculum Links	Year 1: Weather and Seasons; Antarctica, Earth, rain, season, snow, sunshine, temperature, wind, Arctic, inside, outside, polar Year 2: describing hot and cold places					Skills Statements	<ul style="list-style-type: none">- Understand and use a widening range of geographical terms.- Identify and describe the significance of the Prime/Greenwich Meridian and time zones including the day and night.- Understand about weather patterns around the world and relate these to climate zones.- Understand how humans affect the environment over time- Know about changes to world environments over time- Understand why people seek to manage and sustain their environment.

Fundamentals	<ul style="list-style-type: none"> • To know places around the world have different climates • To be able to describe different climates • To know how the earths rotation affects the climate 	Key Facts/Sticky Knowledge	<ul style="list-style-type: none"> • The UK is in the temperate climate zone • There are different climate zones: Tropical climates, Dry climates, Temperate climates, Continental climates, polar climates • Tropical climates are warm or hot throughout the year. The temperatures do not change greatly, but winds and rain bring different types of weather. • Dry climates are where summers are hot to very hot and there's hardly any rain that falls at all. Winter days can be cool or warm, and winter nights can be very cold. • Temperate climates are areas with Mild temperatures and moderate rainfall. • Continental climates are areas that are a very long way from the sea, the climate is continental with long, cold winters and short, hot summers. • Polar climates are a place where the climate usually has a temperature below freezing, icy, and covered in snow.
Our Curriculum Journey	<p>Journey: Children will start this topic by visiting the space centre as part of their Stunning Start. Children will watch a video from a third world country to make a direct comparison to the climate of the UK. Over a few weeks, the children will track the weather of different countries. The children will then explore the significance of the Northern and Southern Hemispheres and how the Earth's tilt affects seasons and identifies the different climate zones. Children to watch video of Earth's movement around the sun and take notice of the tilt - link to Science topic of Space. The children will compare the climate of the UK to the tropics. All their learning will be consolidated by producing a weather report.</p>		

Key Vocabulary (revisited)	Equator, Planet, Seasons Rainforest Desert Latitude	Key Vocabulary (new)	Environment, Climates, Precipitation, Season Temperature, Weather Arid, Mediterranean, temperate, tropical, polar, flood plain, meander, mouth, source, tributary, landmarks, key features, aerial view
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