

Year 6: Why is the World's Weather weird?

Previous Learning: In Year 5: Pupils used maps and atlases to locate rivers, estuaries, lochs and fjords in the UK and in Europe. In Year 6, pupils use atlases, temperature and participation maps to identify changes in temperature across the world including America
 In Year 5, Pupils identify, compare and explain the differences in the physical geography of the coastline. In Year 6, pupils are identifying, comparing and explaining the differences in temperature around the world. In Year 5, pupils identified and explained the impact of human geography on the coast over time. In Year 6 pupils are identifying and explaining the impact of human geography on the weather overtime in different world locations.

Sticky Knowledge

Disciplinary knowledge

1. The equator is the imaginary line that divides the earth in half into the Southern and Northern Hemispheres.
2. The closer the country is to the equator the hotter it is.
3. Global warming is the gradual warming of the earth.
4. El Nino is when a country's climate switches very suddenly.
5. High pressure is settled weather and low pressure is changeable and unsettled.

1. Evaluate the extent to which climate and extreme weather affect how people live.
2. Describe the physical processes, including weather, that affect two different locations.
3. Use satellite imaging and maps of different scales to find out geographical information about a place.
4. Identify the position and explain the significance of latitude, longitude, equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, the Arctic and Antarctic Circles, the Prime (or Greenwich) Meridian and time zones (including day and night).
5. Use grid references, lines of latitude and longitude, contour lines and symbols in maps and on globes to locate and understand and record the geography of an area.

Week 1

Making flyers on climate change to distribute around the school and local community

To know what climate change is.

To explain the weather in my area and make links to

		climate change.
Week 2	Different weather patterns around the world, using globes and maps. Why does the weather change?	
	To locate and name the different lines on an atlas.	To explain the difference between the weather patterns around the different lines of latitude.
Week 3	Why locations have hot and cold seasons, precipitation maps, plotting our own maps of how a country has changed weather throughout the year.	
	To use secondary resources to list the average temperature of a specific country over the year.	To explain why locations around the world have hot and cold seasons.
Week 4	The impact global warming has on weather	
	To define global warming and El Nino.	To explain the impact global warming and the El Nino has on the weather.
Week 5	Identify locations affected by significant weather changes	
	To identify locations that are affected by significant weather events.	To explain how the locations are affected and the impact it has on the countries.
Week 6	Designing houses for different disaster areas	
	To identify different house designs in different areas.	To use annotated sketches, cross-section diagrams & computer-aided design.