

Year 2 How does location impact weather patterns?

Sequence of learning					
Space	Space and place	Space and scale	Space and scale	Space	Scale
What is the equator, where is it located and how does affect temperatures and weather in different areas? equatorial belt, temperate, polar, recap continents and oceans.	Where is India in relation to the UK and the equator and what is the weather like there? Comparing life in India to life in the UK.	How does the temperature affect the physical geography of India? Thar desert, hot and humid areas to the south.	Which localities have a lot of snow and how does their location compare to that of India?	Is it possible to have snow in hot localities? Himalayas, high altitude= low temp, identifying mountainous areas on a physical map.	Would it ever snow in India?
Art and DT					

Vocabulary

ocean, mountain, valley, frost, ice, weather, temperature, environment, desert, map, globe, country, area, place, hot, cold, dry, humid, arid, polar, continent, north, south, east, west

Intended outcomes:

Children will know

- Areas close to the equator are hotter, areas further away are colder and the polar-regions are the coldest.
- India is located on the continent of Asia close to the equator.
- India is closer to the equator than the UK.
- The Himalayas are a major mountain range located in India.
- India has different weather to the UK.
- The UK is an island located beside Europe. It belongs to the continent of Europe.
- India is hotter than the UK. It has dry hot, and hot and humid areas.
- India has areas of the country that are desert (Thar desert).
- Snow requires temperatures of between -2 and 2 degrees in order to fall and settle.
- The seven continents of the world are: Europe, Asia, Antarctica, Australasia (Oceania), Africa, North America, South America.
- The Five Oceans of the world are the Pacific, Atlantic, Mediterranean, Arctic, Indian.
- Deserts are dry, very hot in the day and cold at night.
- The symbol and colouring for mountainous areas on a map.
- The 4 points of the compass are north, south, east and west.

Expert outcome:

(Critical thinking)

Would it ever snow in India podcast:

Part 1 location of India and typical weather, part 2 conditions needed for snow, part 3 mountain ranges and answering question.

Upload to seesaw.

Previous Learning:

Children have previously learnt about the 7 continents and 5 oceans in their Year 2 unit about Africa. Children have learnt about the climate of England and Africa being different.

Preparing for:

In Year 3 and 5 children conduct in-depth studies about climate in differing localities. In Year 4 the children will be conducting a more in-depth study of mountains.

Bespoke to our school:

In a predominantly white British town, we are supplementing children's limited experiences of other cultures through our geography curriculum.

Resources and actions

<https://www.bbc.co.uk/programmes/p0115c7k> - day in the life of a child in the Thar desert.

<https://www.bbc.co.uk/programmes/p0115m95>- Living in different regions of India <https://www.bbc.co.uk/programmes/p0115fvp>- the importance of water in Southern India