



Coleman Primary School

**Key Knowledge Organiser:**

**Year 6 - Autumn 2**

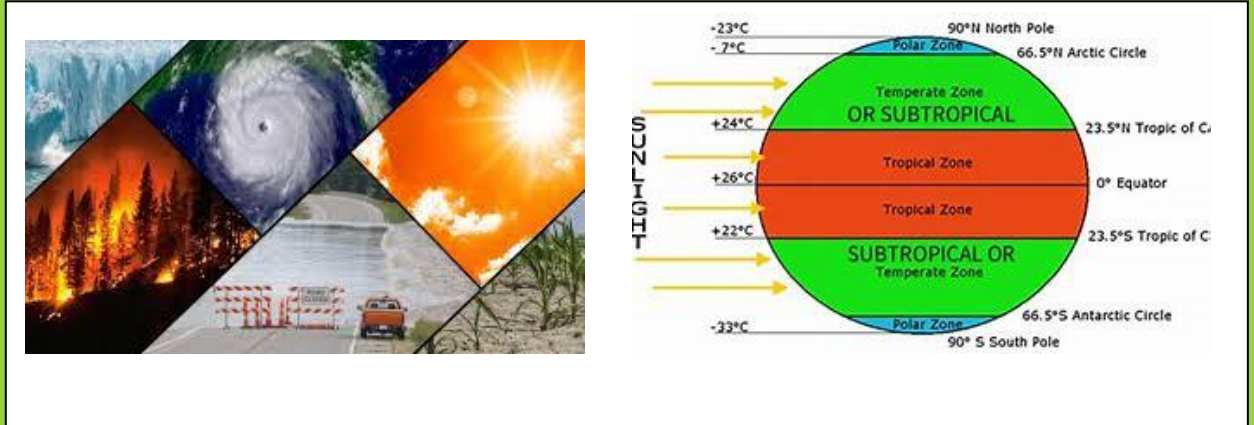
Geography: How is climate change affecting the world?

In this unit, pupils gain an insight into how changing patterns of weather at different locations around the world are impacting on the lives of real people with whom they can relate. Through the experiences of these individuals and communities, pupils are able to reflect upon how changes to normal and usual weather conditions can have to serious implications for these people.

**Key Vocabulary**

<b>weather</b>	the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain, etc..
<b>climate</b>	the weather conditions prevailing in an area in general or over a long period
<b>drought</b>	a prolonged period of abnormally low rainfall, leading to a shortage of water.
<b>trade</b>	the action of buying and selling goods and services
<b>fossil fuels</b>	a natural fuel such as coal or gas, formed in the geological past from the remains of living organisms.
<b>flood plain</b>	an area of low-lying ground adjacent to a river, formed mainly of river sediments and subject to flooding.
<b>heatwaves</b>	a prolonged period of abnormally hot weather.
<b>bushfire</b>	a fire in scrub or a forest, especially one that spreads rapidly.
<b>natural disaster</b>	a natural event such as a flood, earthquake, or hurricane that causes great damage or loss of life.
<b>settlement</b>	a place, typically one which has previously been uninhabited, where people establish a community.

**Images:**



**In this unit, pupils will learn to:**

- To know that The Gambia is in Africa and that it is subject to drought.
- To know that parts of Australia are subject to bushfires.
- To know that areas of Greenland are affected by melting ice caps.
- To know that areas of the UK are at risk of flooding.
- To know how weather patterns can be tracked using data.
- To know that climate change can result in natural disasters.
- To know that climate change affects the economy and local communities.
- To know that digital mapping can be used to locate features of human and physical geography

**Skills learned prior to this unit:**

**Skills learned this unit:**

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied (use of google maps for investigating states/territories in Australia)
- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.
- Locate and name counties and cities in England.
- Locate and name cities, concentrating on environmental regions, key physical and human characteristics
- Use MET office data to compare climates of contrasting locations.
- Use climate data to understand how the burning of fossil fuels has contributed to the increase in global warming

		<p>including settlements, landmarks, rivers, deserts, etc.</p> <ul style="list-style-type: none"><li>• To know that data can be used to compare the geography of contrasting locations.</li><li>• To know that burning fossil fuels has had a negative effect on the environment.</li><li>• To know some examples of actions to reduce carbon emissions such as electric vehicles, renewable energy, reducing meat consumption.</li><li>• To know that greenhouse gases contribute to global warming.</li></ul>	
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