

CYCLE B KS2**Term 5- How does cold and hot weather change the world?****Overview-GLOBAL- How does cold and hot weather change the world?**

Climate Survival Guide- Pupils create a guide for living in a hot or cold environment. Explain how people adapt their homes, clothing, transport, food, and daily routines.

Countries and cities of the world and comparisons between different cultures and communities (comparison with Bristol/UK)

Which places are we connected to? Where are we from, and where have we been? How are tropical climate zones different from the UK, temperate? How are humans impacting tropical environments? What does it feel like to live in a tropical climate zone?

Prior Knowledge**Geography**

- Name and locate the four countries of the UK and the surrounding seas.
- Identify the seven continents and five oceans.
- Understand the difference between weather and seasons.
- Recognise simple weather patterns (e.g. sunny, rainy, windy, snowy).
- Use simple maps, atlases and globes to locate places.
- Compare features of the local area with places in other parts of the world.

Science

- Observe and describe changes across the four seasons.
- Understand how weather changes throughout the year.

KS2 National Curriculum Objectives**Geography**

- Locate the world's countries, using maps to focus on Europe, North and South America and key regions of the world.
- Identify the position and significance of the Equator, Northern Hemisphere, Southern Hemisphere, Arctic Circle, Antarctic Circle, the Tropics of Cancer and Capricorn
- Understand geographical similarities and differences through the study of human and physical geography in contrasting regions.
- Compare life in hot and cold climates.
- Describe and understand key aspects of:
 - Climate zones.
 - Biomes and vegetation belts.
 - Physical geography, including weather and climate.
 - Human geography, including settlements, land use and natural resources.
- Understand how climate influences the way people live.

Skills and Fieldwork

- Use maps, atlases, globes and digital mapping.
- Interpret geographical information.
- Use aerial photographs and plans.

• Recognise that humans need food, water, shelter and clothing to stay healthy. • Identify suitable clothing for different types of weather.	• Collect and present geographical information. Science-Earth and Space • Describe the movement of the Earth relative to the Sun. • Explain how day and night occur. • Understand how the Earth's position affects seasons. Working Scientifically • Ask scientific questions. • Observe changes over time. • Gather and record data. • Present findings using scientific language.
Key Skills	
Geographical Enquiry • Ask and answer geographical questions about different climates. • Compare hot and cold environments using evidence. • Explain how climate influences the way people live. • Identify similarities and differences between places. Map and Fieldwork Skills • Use maps, atlases and globes to locate hot and cold regions. • Identify key lines of latitude, including the Equator, Arctic Circle and Antarctic Circle. • Use geographical vocabulary to describe locations and features. • Interpret simple climate maps and weather charts. Scientific Enquiry • Observe and record weather patterns. • Collect, present and interpret weather data. • Explain how weather and climate differ. • Use evidence to draw conclusions about how environments affect living thin	

PSHE Links	Key Vocabulary	Cross Curricular links (DT/RE)
Relationships • Appreciate that people around the world have different lifestyles and experiences. • Show respect for different cultures and communities. • Understand that communities work together to support each other during extreme weather events. • Develop teamwork and communication skills through collaborative activities. Living in the Wider World • Explore how environments influence the way people live. • Develop an understanding of global citizenship. • Recognise that climate affects communities differently around the world. • Discuss how humans can care for the environment and use resources responsibly. • Understand the importance of sustainability and protecting natural resources. • Consider how communities adapt to challenges such as extreme heat, cold and changing weather patterns. Diversity and Inclusion • Learn about different communities living in a range of climates.		English Write information texts, survival guides, travel brochures and reports. Develop vocabulary, explain geographical processes, present research findings and use persuasive language. Maths Collect and analyse weather data, create graphs and charts, compare temperatures, use scales, interpret rainfall data and calculate differences between climates. DT Drawing and sculpture Inspired by Google Earth Artist: Emily Garfield PE Link to outdoor learning, navigation activities,

- Challenge stereotypes about how people live in different parts of the world.
- Recognise and respect different traditions, homes, clothing and ways of life.

teamwork challenges and understanding how the body responds to different weather conditions.

Quality Texts/Resources



<https://www.bbc.co.uk/teach/class-clips-video/articles/zkk6t39>

<https://www.bbc.co.uk/newsround/45880633>

<https://www.youtube.com/watch?v=Sv7OHfpIRfU>

<https://earth.google.com/web/>