

Change the Story - Climate Change

During this unit, we will explore the past, present and future action around climate change using our historical, geographical, scientific and enquiry skills.



These are the key skills and knowledge you will develop through this unit:

Knowledge	<u>Locational Knowledge</u> I can identify countries that are most effected by climate change. I can identify ways climate change has changed the world map. <u>Place Knowledge</u> I can give reasons why places are affected differently by climate change. I can describe how Britain has been affected by climate change in the past (the ice age) <u>Human and Physical Geography Knowledge</u> I can identify human and physical features that contribute to worsening or improving climate change. I can describe ways humans have affected the climate in the past.
Skills	I can analyse data and research to help me ask and answer geographical questions. I can use maps (including topographical/themed maps), atlases, globes and digital/computer mapping (Google Earth) to locate countries and features already studied and use them to research new locations. I can recognise why country size may differ between atlas and globe. I can use locational and directional language including 8 compass directions to describe the location of features on a map. I can recognise and confidently use the 8 points of a compass. I can use fieldwork to observe and record the human and physical features in the local area such as taking photographs, making notes, graphing and doing sketches. I can create detailed maps of locations identifying a range of features with OS symbols. I can identify features on an OS maps. I can confidently use 6 figure grid references.

These are some of the key new geographical terms that you will learn in this unit:

Substantive and Disciplinary Vocabulary

6 figure grid reference

Location sharing

Taught directional and
prepositional phrases

Topographical

Topic Vocabulary

Carbon dioxide

Renewable

Weather

Greenhouse gases

Non-renewable

Climate

Emissions

Global Average

Mitigation

Sea-level rise

Temperature

COP / UNFFCCC

Throughout the unit, you will learn the meaning of these words.

How can you use them throughout the unit? How can you use them in other work? What other new vocabulary have you discovered?

Reading Links

We will retrieve information about climate change and read examples of persuasive speeches.

Writing Links

We will write persuasive speeches.

Maths Links

To interpret and construct pie charts and line graphs.

To use pie charts and line graphs to solve problems.

To calculate and interpret the mean as an average.

Other Curriculum Links

Art - design and create their very own 3D sculpture using materials of their choice reflecting our voices as global citizens and highlight current climate change problems to our Earth.

Computing – to create a stop motion showing two alternative futures for our planet.