

	ECO (AGENTS FOR CHANGE) CLIMATE CHANGE - ANTARCTICA	LOCATION (WHERE IN THE WORLD?) NORTH YORKSHIRE
FAMOUS IN THE FIELD	<p>Scott and Amundson Eratosthenes Gretha Thunberg</p>	
NATIONAL CURRICULUM OBJECTIVE	<p>Physical Geography</p> <ul style="list-style-type: none"> To find and locate Antarctica on a map of the world. To describe the position of Antarctica (in relation to the equator, hemispheres and the Arctic circle). To describe Antarctica in relation to climate zones. <p>Human Geography</p> <ul style="list-style-type: none"> To describe the types of natural resources found in Antarctica. To describe how human activity is affecting Antarctica. 	<p>Physical Geography</p> <ul style="list-style-type: none"> To name the main cities, towns and villages that make up North Yorkshire. To identify the location of North Yorkshire in relation to Europe. To name and locate the main counties of the UK. To describe the physical features of North Yorkshire (including mountains, moor and dales) To describe how the physical features of North Yorkshire have changed over time. <p>Human Geography</p> <ul style="list-style-type: none"> To describe how the human features of North Yorkshire have changed over time. To describe why people might want to live in North Yorkshire. To describe the different jobs that people living in North Yorkshire might do and how this compares to the rest of the UK. To explain some of the challenges faced with living in North Yorkshire.
GEOGRAPHICAL STUDY AND FIELDWORK	<ul style="list-style-type: none"> Use prediction and prior knowledge to find out about unknown places, and combine this with observation located on Antarctica. Use a range of primary and secondary sources, including the internet, Google Earth, and questionnaires to locate Antarctica. Collect temperature and rainfall using a range of instruments, and compare these with information from the internet to discuss weather and climate in Antarctica. Suggest own ways of presenting information, including graphically and in writing. 	<ul style="list-style-type: none"> Use prediction and prior knowledge to find out about unknown places, and combine this with observation located around North Yorkshire. Use a range of primary and secondary sources, including the internet, Google Earth, and questionnaires to locate cities, towns and villages that make up North Yorkshire. Make detailed and labelled field sketches of areas in North Yorkshire. Make field measurements over time. Collect statistics and present them appropriately. Record information on charts, graphs and tables. Begin to use the computer to draw graphs.
MAPS	<ul style="list-style-type: none"> Compare information from atlases with that from a globe. Use atlases which show physical and human features of Antarctica. 	<ul style="list-style-type: none"> Draw maps of local places, including sketches from field work of North Yorkshire. Use and draw maps with a simple key of North Yorkshire. Use maps with simple grid references of North Yorkshire. Work out routes on maps and plans on a map of North Yorkshire. Find longest and shortest routes using maps. Plan routes using 4 points of the compass.
KNOWLEDGE AND UNDERSTANDING	<ul style="list-style-type: none"> Work out a location using a range of information. Understand the different uses of different places. Understand that different places may have similar /different characteristics and give reasons for these. Understand and use the concept of reciprocal link between physical and human features Describe and identify how a place has changed. Understand how economic development can change a place. 	<ul style="list-style-type: none"> Identify the parts of a river, and land use around and how these can change people's lives. Express views and recognise how people affect the environment, summarising the issues. Suggest ways of improving local environment within North Yorkshire. Know the difference between weather and climate. Suggest ways towards a reduction in climate change.

	<ul style="list-style-type: none"> Understand how weather changes an environment. 	
SUGGESTED ACTIVITIES	<p>Atlases</p> <p>Activity to understand climate zones</p> <p>Digital maps</p> <p>Geographical Association</p> <p>TES</p> <p>Investigating how human activity is affecting Antarctica</p>	<p>Map of North Yorkshire- Label key town villages</p> <p>Use google earth to identify areas.</p> <p>Digital maps</p> <p>Geographical Association</p> <p>TES</p> <p>Atlases</p>
KEY VOCABULARY- TIER 2	Globe, Antarctica, climate, climate zones, locate, equator, hemisphere, human and physical features, continents	Cities, towns, villages, map, location, human features, physical features, country, continent, Europe, coast, countryside, Key, human and physical features, town, villages, cities, observation, atlases
KEY VOCABULARY- TIER 3	Natural resources, pollution, sewage, sea, oil, gas, specific jobs, temperature, natural resources, human activity, climate change	North Yorkshire, specific jobs- e.g farmer, rural, upper course, middle course, lower course, source, mouth, environment