

Geography Class 5

Knowledge		
Topic	Vocabulary	
Map Work	map, atlas, symbol, compass points, grid reference, physical and human characteristics city, country, longitude, latitude, time zones	<p>Locational knowledge</p> <ul style="list-style-type: none"> • I know how to use an atlas or map to locate countries e.g including UK, Italy and Russia • I know how to use maps to locate UK and Italy concentrating on their environmental regions, key physical and human characteristics, countries, and major cities; • I know about different time zones across the globe • I know latitude and longitude are imaginary lines used to describe the location of any place on Earth • I know latitude runs east to west, longitude runs north to south <p>Geographical skills and fieldwork</p> <ul style="list-style-type: none"> • I know a compass has eight points and can name them • I know how to use four and begin to use six figure grid references on a map • I know and can identify common symbols on a map • I know how to use a local map and can follow a route to Croft Castle • I know how to use Google maps and data on Strava
Volcanoes and Earthquakes	core, mantle, crust, earthquake, volcano, tectonic plates, ring of fire, dormant, active, extinct, tsunami	<p>Locational knowledge</p> <ul style="list-style-type: none"> • I know that many earthquakes and volcanoes are located in the ring of fire in the Pacific Ocean <p>Human and physical geography</p> <ul style="list-style-type: none"> • I know that The Earth has three layers – the crust at the very top, then the mantle, then the core at the very middle of the planet. • I know that The Earth's crust is made up of huge slabs called tectonic plates. • I know that a volcano is a deep hole in the Earth's surface that lets out gases, ash and lava. • I know when a volcano erupts, magma comes up and out through the vents. Magma is called lava when it's outside the volcano. • I know an active volcano has had at least one eruption in the last ten years. • I know a dormant volcano is an active volcano that is not erupting but may erupt again. • I know that an earthquake is caused when two tectonic plates rub together and slide past each other causing the surface of the earth to vibrate

Sustainability	renewable, non-renewable, energy, sustainability,	Place Knowledge <ul style="list-style-type: none"> • I know sustainability is to maintain something <i>do you need this???</i> • I know we need to avoid the depletion of natural resources Human and physical geography <ul style="list-style-type: none"> • I know that renewable energy is from a source that is not depleted when used and non-renewable energy is from a source that will run out • I know that renewable energy sources include solar energy, wind energy, hydro energy and geothermal energy • I know that non-renewable energy sources include oil, natural gas, coal and nuclear energy
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Skills

Locational Knowledge	Geographical Skills and Fieldwork		Place Knowledge	Human and Physical Geography	
<p>I can locate a number of the world's countries, using maps to focus on Europe (including the location of Russia) concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. <i>Eg map work topic- use of atlases and focus on key and symbols)</i></p> <p>Identify the position and significance of the Prime/Greenwich Meridian and time zones (including day and night).eg. <i>science – Earth and Space topic – work covered on day and night)</i></p> <p>Identify the position and significance of latitude, longitude. <i>Eg. map work unit</i></p>	<p>I can use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs. <i>Eg. map work unit and walk to Croft castle</i></p>	<p>I can use maps, atlases, globes and digital/computer (google earth/strava) mapping to locate countries and describe features studied <i>Eg. map work unit and walk to Croft castle</i></p>	<p>I can confidently use 8 points of the compass. Use four and six-figure grid references, and begin to use symbols and keys (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world. <i>Eg. map work unit and walk to Croft castle</i></p>	<p>I can understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country E.g. Italy <i>compare and contrast Italy to England – independent research too. Also covered in study of Earthquakes and volcanoes work.</i></p>	<p>I can describe and understand key aspects of: Physical geography, including:, volcanoes and earthquakes Human geography, including: land use, and economic activity including trade links <i>Eg. study of volcano in groups and produce a TV news report. Research an earthquake in Italy and link to newspaper report writing in English Sustainability workshop</i></p>

