

Year 7 Geography 2021-2

Topic	Content	Previous Learning	Next Steps
Geographical Skills	<p>Name and locate the continents</p> <p>Extend locational knowledge and deepen spatial awareness of the world's countries and capital cities.</p> <p>Build on existing knowledge of globes, maps and atlases</p> <p>Interpret and construct different types of graphs, including bar graphs, line graphs, and pie charts</p> <p>Know and use the main compass points (16 cardinals)</p> <p>Measure distance on maps using a scale bar</p> <p>Use sources (including photographs) to ask geographical questions</p> <p>Interpret Ordnance Survey maps using map symbols, grid references and contour lines</p> <p>Use fieldwork on the school site to collect, analyse and draw conclusions from geographical data.</p>	<p>KS2 Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.</p> <p>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 knowledge of the United Kingdom and the wider world.</p>	<p>Y8 Biosphere topic - Microclimate fieldwork</p> <p>Y9: World of Work - Coffee shop fieldwork</p> <p>KS4 Geographical & Fieldwork Skills</p>
Exploring Places	<p>Ask geographical questions and examine the reliability of sources of information</p> <p>Extend locational knowledge and deepen spatial awareness of the world's countries and capital cities.</p> <p>Identify and examine the physical and human characteristics of a range of unfamiliar landscapes</p> <p>Complete a radar graph and interpret the results</p> <p>Identify major climate zones and the environments found within them</p> <p>Examine the environmental impacts of noise pollution</p> <p>Examine how soundscapes help to create a sense of place</p> <p>Identify a range of geographical features found on Iceland, including beaches, waterfalls, and glaciers.</p>	<p>KS2 Describe and understand key aspects of physical geography, including climate zones and vegetation zones.</p>	<p>Y8 Cold Environments & Hot Deserts</p> <p>KS4 Overview of the global distribution of polar regions, coral reefs, grasslands, temperate forests, tropical rainforests, and hot deserts.</p>
Our Island Home	<p>Name and locate the countries of the British Isles</p> <p>Identify physical and human characteristics of the British Isles</p> <p>Locate important settlements in Suffolk and our local area</p> <p>Draw sketch maps</p>	<p>KS2 Name and locate counties and cities of the United Kingdom.</p>	<p>KS4 Overview of the distribution of areas of upland, lowland and glaciated landscapes.</p>

	<p>Understand how changes in sea level resulting from climate change has led to the formation of our island home</p> <p>Identify different types of rock found in the UK</p> <p>Name examples of these rocks and areas they are found, and how they are used</p> <p>Explain the formation of corries and gorges</p> <p>Explain the difference between weather and climate</p> <p>Use maps and graphs to identify key features of the UK's weather</p> <p>Carry out a short investigation of air quality on the school grounds using lichen as an indicator</p> <p>Explain how the physical geography of the UK influences human activity</p> <p>Recognise human features of the UK relating to population and development</p>	<p>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom.</p>	<p>Overview of the distinctive characteristics of these landscapes including geology.</p>
Our Planet	<p>Locate the major layers of the solid Earth</p> <p>Describe the main characteristics of each layer</p> <p>Understand what is meant by geological time and interpret a basic geological timeline</p> <p>Identify important features of the atmosphere</p> <p>Explain why the atmosphere is essential for life on Earth, and how it is being modified by human activity.</p> <p>Identify a range of natural landforms on the Earth's surface</p> <p>Explain how food chains / webs operate in the context of different environments</p> <p>Locate and identify major biomes on Earth</p> <p>Recognise human characteristics of our planet relating to population and development</p> <p>Explain what is meant by natural hazard</p> <p>Develop their own research questions to investigate a geologic or atmospheric hazard.</p>	<p>KS2 Describe and understand key aspects of physical geography, including biomes, mountains, volcanoes and earthquakes.</p>	<p>Y8 Cold environments and hot deserts topic.</p> <p>KS4 Overview of the global distribution of polar regions, coral reefs, grasslands, temperate forests, tropical rainforests, and hot deserts.</p> <p>Overview of the climate, plants and animals within these ecosystems.</p>
Water & Rivers	<p>Name and locate the major oceans</p> <p>Identify major stores of water on Earth</p> <p>Explain how the water cycle works</p>	<p>KS2 Describe and understand key aspects of physical geography, including the water cycle and rivers.</p>	<p>Y8 – Cold Environments (glacial processes)</p>

	<p>Identify the main features of a drainage basin and processes that operate within them</p> <p>Name and locate major rivers in the UK and explain how they are used</p> <p>Interpret the main features of a river hydrograph and how they respond to flood events</p> <p>Explain different types of river erosion</p> <p>Explain the formation of waterfalls</p> <p>Investigate how channel characteristics change downstream</p> <p>Using data to test hypotheses and interpret results</p>		<p>KS4 The definitions of the main geomorphic processes including erosion (abrasion, hydraulic action, attrition, solution)</p> <p>KS4 The formation of river landforms (waterfall, gorge, V-shaped valley, floodplain, levee, meander, oxbow lake)</p>
<p>Coasts</p> <p>+ Summer Fieldwork (on school site)</p>	<p>Explain why high and low tides happen</p> <p>Explain the formation and energy of sea waves</p> <p>Identify the main characteristics of constructive and destructive waves</p> <p>Understand how constructive and destructive waves shape the beach profile</p> <p>Explain how different physical processes shape the coastline</p> <p>Identify a range of coastal landforms</p> <p>Explain the formation of headland and bays</p> <p>Identify different types of coastal protection, and explain how they work</p> <p>Assess the costs and benefits of different types of coastal protection to decide how to protect a stretch a coastline</p> <p>Explain how simple fieldwork techniques can be carried out to investigate coastal environments.</p> <p>Use fieldwork on the school site to collect, analyse and draw conclusions from geographical data.</p>	<p>KS2 Use fieldwork to observe, measure, record and present the human and physical features in the local area</p>	<p>Y8 Biosphere topic - Microclimate fieldwork</p> <p>Y9: World of Work – Coffee shop fieldwork</p> <p>KS4 The formation of coastal landforms (headland, bay, cave, arch, stack, beach, spit)</p>