

## Vernon Park Primary School: Geography Progression of Knowledge and Skills

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Kindness and Empathy, Friendship and Respect, Honesty and Responsibility, Tolerance and Fairness, Support and Inclusion, Challenge and Resilience.

Knowledge and Skills	KS1	LKS2	UKS2
Location Knowledge and Place Knowledge	<ul style="list-style-type: none"> <li>Understand geographical similarities and differences through studying the human &amp; physical geography of a small area of the UK &amp; contrasting non-European country.</li> <li>Name &amp; locate world's 7 continents and 5 oceans</li> <li>Name, locate &amp; identify characteristics of the 4 countries &amp; capital cities of the UK &amp; surrounding seas</li> </ul>	<ul style="list-style-type: none"> <li>Know some of the world's countries, focusing on North and South America concentrating on environmental regions, key physical or human characteristics, countries, and major cities.</li> <li>Name and locate geographical regions of the UK &amp; their identifying physical and human characteristics, including <b>some</b> cities and <b>some</b> key topographical features including hills, mountains, coasts and rivers.</li> <li>Understand how some aspects have changed over time.</li> <li>Understand geographical similarities and differences through the study of human and physical geography of a small area the UK and a region within N. or S. America.</li> <li>Understand geographical similarities and differences of human &amp; physical geography of the UK and a region in a European country.</li> <li>Identify the position/ significance of latitude, longitude, equator, N &amp; S Hemisphere, Tropics of Cancer &amp; Capricorn, Arctic &amp; Antarctic Circle &amp; time zones (incl. day &amp; night).</li> </ul>	<ul style="list-style-type: none"> <li>Locate the world's countries, using maps to focus on Europe (including Russia) and North and South America, concentrating on their environmental regions, key physical or human characteristics, countries, and major cities.</li> <li>Name/ locate cities &amp; counties of the UK.</li> <li>Know <b>more</b> about the geographical regions of the UK &amp; their identifying physical and human characteristics, including <b>more</b> cities and detail of the key topographical features including naming some UK hills, mountains &amp; rivers or types of coasts.</li> <li>Explain how aspects have changed over time.</li> <li>Understand geographical similarities, differences and change through the study of human and physical geography of the United Kingdom, a region in a European country and a region within North or South America.</li> <li>Identify the position/ significance of latitude, longitude, equator, N &amp; S Hemisphere, Tropics of Cancer &amp; Capricorn, Arctic &amp; Antarctic Circle &amp; time zones (incl. day &amp; night).</li> </ul>

Knowledge and Skills	KS1	LKS2	UKS2
Fieldwork	<ul style="list-style-type: none"> <li>Can use some of my senses to observe places</li> <li>Can use simple fieldwork and observational skills to study the geography of my school and its grounds and the local area.</li> <li>Can complete a chart to express opinions/record information during Fieldwork.</li> <li>Use first hand observation to investigate places – the school grounds, the streets around and the local area.</li> <li>Can recognise and record different types of land use, buildings and environments.</li> </ul>	<ul style="list-style-type: none"> <li>Use fieldwork to observe, measure and record some of the human and physical features in the local area using sketch maps and graphs</li> <li>Conduct surveys.</li> <li>Carry out a simple questionnaire.</li> <li>Use simple equipment to measure and record.</li> <li><i>Investigate the local area, looking at types of shops, services and houses.</i></li> <li><i>Apply mathematical skills in data handling to Geography fieldwork (Maths link).</i></li> </ul>	<ul style="list-style-type: none"> <li>Use fieldwork to observe, measure &amp; record human &amp; physical features in the local area using a range of methods, including sketch maps, plans, graphs &amp; digital technologies.</li> <li>Collect, analyse &amp; communicate with range of data gathered in experiences of fieldwork to show I understand some geographical processes.</li> <li>Carry out a focused in depth study, looking at issues/changes in the area.</li> <li>Imagine how &amp; why area may change in future.</li> </ul>

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Knowledge and Skills	KS1	LKS2	UKS2
Use of basic geographical vocabulary	<ul style="list-style-type: none"> <li>Recognise that devices and on-screen objects can be controlled by sequences of actions or instructions (computing link).</li> <li>Use and understand basic geographical specific vocabulary relating to human and physical geography</li> <li>Use mathematical vocabulary to describe position and location (Maths link).</li> <li>Use specific key vocabulary to describe                             <ul style="list-style-type: none"> <li>physical features (beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season, weather)</li> <li>key human features (city, town, village, factory, farm, house, office, port, harbour, shop, address)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Continue to develop a wider geographical vocabulary, using terms such as routes, community, clouds, rainfall, key, urban, rural, human, physical to describe places or geographical features in different ways.</li> <li>Begin to apply the vocabulary of other subjects such as maths and science when describing geographical features and processes.</li> </ul>	<ul style="list-style-type: none"> <li>Introduce precise geographical words when describing geographical places features &amp; processes such as erosion, deposition, mouth source tributary, cliff, bay, headland relief, resort, port, derelict, latitude, longitude, distribution, industry, network, region raw material, energy, fuel, power natural resource labour.</li> <li>Confidently use and apply the vocabulary from other subjects such as Maths, English and Science when describing geographical features or processes.</li> <li>Provide greater detail of geographical regions of the UK &amp; their identifying physical and human characteristics using specific geographical vocabulary.</li> </ul>

Knowledge and Skills	KS1	LKS2	UKS2
Human and physical geography: enquiry skills and communication	<ul style="list-style-type: none"> <li>Develop data handling skills by sorting, classifying or grouping various objects progressing from practical activities to the use of ICT (Maths and Computing link).</li> <li>Use observational skills and ask and respond to questions.</li> <li>Identify seasonal/ daily UK weather patterns</li> <li>Study the key human and physical features of the surrounding environment of my school</li> <li>Begin to explain how/why</li> <li>Find information from aerial photographs.</li> <li>Use and apply Maths to help me to show learning (Maths link).</li> </ul>	<ul style="list-style-type: none"> <li>Describe &amp; understand key aspects of: physical geography, including rivers and mountains.</li> <li>Explain volcanoes/ earthquakes in simple terms.</li> <li>Describe the water cycle using a diagram.</li> <li>Describe &amp; understand key aspects of: physical geography e.g. climate zones, biomes and vegetation belts.</li> <li>Describe key aspects of human geography including types of settlement and land use.</li> <li>Identify differences between places.</li> <li>Establish an understanding of the interaction between physical and human processes.</li> <li>Communicate geographical information in a variety of ways, including through maps and writing at length</li> </ul>	<ul style="list-style-type: none"> <li>Describe &amp; understand key aspects of: physical geography, including rivers and mountains.</li> <li>Describe processes that give rise to key physical &amp; human geographical features of the world, how these are interdependent and how they bring about spatial variation/change over time</li> <li>Describe &amp; understand key aspects of: physical geography e.g. climate zones, biomes and vegetation belts.</li> <li>Describe in detail types of settlement, land use, economic activity including trade links.</li> <li>Describe the distribution of natural resources including energy, food, minerals &amp; water in the continents &amp; countries I have studied.</li> <li>Give a few reasons for the impact of geographical influences/ effects on people place or themes studied.</li> </ul>

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Knowledge and Skills	KS1	LKS2	UKS2
Using globes, maps & plans.	<ul style="list-style-type: none"> <li>Use world maps, atlases and globes to identify UK &amp; its countries</li> <li>Identify the countries, continents and oceans studied.</li> <li>Identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.</li> <li>Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features.</li> </ul>	<ul style="list-style-type: none"> <li>Apply mathematical skills when working with geographical information. Data etc (Maths link).</li> <li>Use maps, atlases, globes and digital/computer mapping to locate countries&amp; describe features studied.</li> <li>Show the position and significance of latitude, longitude, Equator, N &amp; S Hemisphere, Tropics of Cancer &amp; Capricorn, Arctic &amp; Antarctic Circle, and time zones (including day &amp; night) using a globe.</li> <li>Can locate the world's countries, using maps to focus on Europe and North and South America, concentrating on their environmental regions, key physical or human characteristics, countries, and major cities.</li> <li>Can use a globe &amp; maps &amp; some OS symbols on maps to name geographical regions &amp; identify physical and human characteristics, including: cities, rivers, mountains, hills, key topographical features, land-use patterns.</li> <li>Can use atlases to find places using index/ contents.</li> <li>Can understand need for a key.</li> <li>Understand the purpose of maps.</li> <li>Begin to understand scale and distance on a map, Use and apply mathematical skills (Maths link).</li> </ul>	<ul style="list-style-type: none"> <li>Location of places of global significance, their defining physical &amp; human characteristics and how they relate to one another</li> <li>Regularly use/ apply maths skills (Maths link).</li> <li>Can locate the world's countries, using maps to focus on Europe concentrating on their environmental regions, key physical or human characteristics, countries, and major cities.</li> <li>Use 1:10.000 and 1:25.000 Ordnance Survey maps.</li> <li>Use a globe &amp; maps &amp; some OS symbols on maps to name and locate UK counties &amp; cities</li> <li>Realise purpose, scale, symbols and style are related.</li> <li>Interpret a range of sources of geographical information, including maps, globes, aerial photographs and Geographical Information Systems (GIS).</li> <li>Use maps, atlases, globes and digital/computer mapping to locate countries&amp; describe features studied.</li> <li>Show the position and significance of latitude, longitude, Equator, N &amp; S Hemisphere, Tropics of Cancer &amp; Capricorn, Arctic &amp; Antarctic Circle, and time zones (including day &amp; night) using a globe.</li> <li>Understand and apply mathematical understanding, e.g. on scales, time differences etc. when using maps (Maths link).</li> </ul>

Knowledge and Skills	KS1	LKS2	UKS2
Map work skills	<ul style="list-style-type: none"> <li>Begin to understand what personal information is and who you can share it with (Computing link).</li> <li>Follow a route on prepared maps (left/right) &amp; find information.</li> <li>Use simple compass directions (NSEW)</li> <li>Use locational and directional language (e.g. near and far; left and right) to describe the location of features and routes on a map.</li> <li>Make a simple map E.g. from a story.</li> <li>Use &amp; construct basic symbols in a key</li> </ul>	<ul style="list-style-type: none"> <li>Use the 8 points of a compass.</li> <li>Use simple grids with letters and numbers and 4-figure coordinates to locate features.</li> <li>Use and understand Ordnance Survey symbols and keys to build up my knowledge of a local place, the UK and the wider world.</li> <li>Map evidence from fieldwork e.g. sketch annotated views.</li> <li>Use plans.</li> <li>Use aerial photos and satellite images.</li> <li>Begin to use smaller scale aerial views.</li> </ul>	<ul style="list-style-type: none"> <li>Use Ordnance Survey maps at different scales.</li> <li>Draw a detailed sketch map using symbols and a key.</li> <li>Align a map with route.</li> <li>Use the eight points of a compass, symbols and key (including the use of Ordnance Survey maps) to show my knowledge of the United Kingdom and the wider world.</li> <li>Understand and use 6 figure grid references to Interpret OS maps.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Use oblique aerial views.</li> </ul>	
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Knowledge and Skills	KS1	LKS2	UKS2	
Geographical vocabulary (based on rising star units of work)	Our Local Area: What's it like where we live?	Our World: Where on Earth are we?	Our World in the Future: How will our world look in the future?	
	Journey Local area Map	Birds eye view Navigate Symbols	Tropics Atlas Night Day	Climate Continent Environment Equator
	Our Wonderful World: What are the seven wonders of our world?		Rivers and the Water Cycle: How does the water go round and round?	South America – The Amazon: What is life like in the Amazon?
			Stream Valley River's source River's mouth	Evaporation Condensation Precipitation
	Animals and their Habitats: Where do our favourite animals live?		Earthquakes and Volcanoes: How does the Earth shake, rattle and roll?	Journeys – Trade: Where does all our staff come from?
			Tectonic plate Magma Earth's crust	Earth's mantle Earth's core Seismometer
	People and their Communities: Where in the World do these people live?		Climate and Weather: Why is climate important?	Protecting the environment: Are we damaging our World?
			Biome Climate Weather	Equator Tundra Savanna Taiga
			Human Features Preserve Detached Sustainable Amenities	
			Accessible Decompose Pollution Fossil Fuels Renewable Energy	
			Rainforest Deforestation Continent Region Directions N S E W River basin	
			Geographical Features Primary source Secondary source Shifting cultivation Nomad/ Nomadic River mouth Climate/weather	
			Environment Conservation Endangered Minerals Sustainable Renewable	
			Biomass Geothermal energy Hydroelectricity Tidal energy Fossil Fuels Marine life	

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	Seasons: What are seasons?	Coasts: Do we like to be beside the seaside?	Europe – A study of the Alpine region: Where should we go on holiday?
	Seasons North South	East West Climate	Coastline Seaside Sand Dune Cliff
		Erosion Tide Climate Change	
	Journeys – Food: Where does our food come from?	The Americas: Can you come on a Great American Road Trip?	Changes in our Local Environment: How is our country changing?