


## Progression in Knowledge and Skills: EYFS Geography Investigations

Investigation Focus	A Place Called Home			Out and About			The United Kingdom			Stories: Gateways to Geography			Mapping my World			Weather and Seasons		
<u>Content Threads</u>	The wider world	Homes		School grounds	Locality		The United Kingdom	Maps		Environments	Homes		Environments	Maps		Environments	Weather	
	Children’s lives	Families		Environments	Maps		Environments	Locality		Weather	Maps		Weather	Seasons		Maps	Seasons	
	Environments	Maps		Physical features			Physical features			Human features			Tracks, Trails and Routes			Human features	Locality	
	Water			Human features			Human features			Physical features			Human features	Physical features		Physical features	School grounds	
<u>Substantive Knowledge summary (see Medium Term Plan for details)</u>	<u>Learn about:</u> Their family and home Other people’s homes and families Similarities and differences between people Different countries in the world Aspects of family life in different countries Some features of environments locally and in different countries The importance of water and clothes such as shoes			<u>Learn about:</u> Features of the school grounds The distinction between physical and human features Geographical features of the locality of school Locating some features of the school grounds and of their locality on an outline plan Distinguishing land and sea on maps and globe How the globe represents Earth How they live in a country called The United Kingdom How simple symbols are used on maps Locate the United Kingdom on world map and globe			<u>Learn about:</u> Planet Earth – land and water Oceans and continents How the World is made up of many countries The United Kingdom as a country with four nations Locating the UK on a world map, atlas and globe What an island is and that they live on an island Some important landmarks of the United Kingdom Some of the important natural and human features they might see on a visit to Wales, Scotland, Northern Ireland and England			<u>Learn about:</u> Different types of bear and the environments in which they live. Natural features of pine forests and of the Arctic The location of the Arctic, North Pole and South Pole The weather of the Arctic The Inuit people of the Arctic Deserts and the weather in hot deserts Natural features of deserts Lives of desert peoples The origin and importance of rain Life in cities around the world Life of the Masai and wildlife in the Serengeti of Tanzania Islands and life in Montserrat			<u>Learn about:</u> Animal and human tracks and trails Observing and distinguishing physical and human features How the natural world changes during the four seasons Creating a nature trail Drawing their route to school Using directional language to describe their route to school Recalling the order of things observed along their journey to school Different kinds of maps and how symbols are used to show features on maps How to draw a simple map of their school grounds			<u>Learn about:</u> Different types of weather How weather affects their lives Recording observations of weather How weather and the natural world changes with seasons Different types of cloud The origin and importance of rainfall What causes shadows How people can affect their environment positively and negatively Keeping safe in sunny and very cold weather How water changes its state of matter when it freezes and thaws How moving air causes the wind How things including themselves are affected by the wind		
<u>Disciplinary knowledge</u> <u>Geographical techniques threads</u>	World wall map	Globe		World wall map	Globe		World wall map	Globe		World wall map	Globe		World wall map	Globe		World wall map	Globe	
	Terrestrial photos	Atlas		Terrestrial photos	Atlas		Terrestrial photos	Atlas		Terrestrial photos	Atlas		Terrestrial photos	Atlas		Terrestrial photos	Atlas	
	Aerial photos	Satellite images		Aerial photos	Satellite images		Aerial photos	Satellite images		Aerial photos	Satellite images		Aerial photos	Satellite images		Aerial photos	Satellite images	
	Google Earth	Google Street View		Simple plan	Google Earth		Google Earth			Google Earth			Google Earth	Simple plans		Google Earth	Simple plans	
<u>Disciplinary Knowledge</u> <u>Critical thinking skills</u>	Pupils lay the foundations of their geographical knowledge of their home and its surroundings, the school grounds and its immediate locality, a sense of the United Kingdom and aspects of life in the wider world as they begin to <u>recognise, identify, describe and compare</u> physical and human features they <u>observe</u> using some <u>basic geographical techniques and a range of simple but accurate subject vocabulary</u> . ➔																	
<u>Second Order Concepts threads</u>	Place	Environment	Location	Place	Environment	Location	Place	Location	Environment	Place	Location	Interaction	Place	Location	Processes	Place	Location	Processes
	Diversity	Interaction	Diversity	Diversity	Interaction	Distribution	Distribution	Scale	Diversity	Environment	Scale	Distribution	Diversity	Scale	Interaction	Environment	Interaction	Interdependence

### Progression in Knowledge and Skills: Key Stage 1

Enquiry	How does the weather affect our lives?	Why does it matter where my food comes from?	Why don't penguins need to fly?	Why do we love being beside the seaside so much?	What is the geography of where I live like?	How does the geography of kampong Ayer compare with where I live?
<b><u>Substantive Knowledge</u></b> <b>Programmes of study threads (see enquiry Medium Term Plan and Learning Organiser for details).</b>	Locational knowledge <i>Continents and Oceans</i> Human and physical geography <i>Daily and seasonal weather</i> patterns in UK Hot and cold areas of the world Equator and the North and South Poles	Locational knowledge Four countries and capital cities of the <i>United Kingdom</i> and its surrounding seas Human and physical geography <i>Daily and seasonal weather</i> patterns in the United Kingdom	Locational knowledge <i>Continents and Oceans</i> Human and physical geography <i>Daily and seasonal weather</i> patterns in the UK Hot and cold areas of the world Equator and the <i>North and South Poles</i>	Locational knowledge <i>Continents and Oceans</i> Four countries and capital cities of the <i>United Kingdom</i> and its surrounding seas Human and physical geography Coasts	Locational knowledge <i>Continents and Oceans</i> Four countries and capital cities of the <i>United Kingdom</i> and its surrounding seas Place knowledge Small area of the <i>United Kingdom</i> Human and physical geography <i>Local area</i>	Locational knowledge <i>Continents and Oceans</i> Place knowledge The human and physical geography of a small area in a contrasting non-European country Human and physical geography Hot and cold areas of the world The Equator and the <i>North and South Poles</i>
<b><u>Disciplinary knowledge</u></b> <b>Geographical techniques threads</b>	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> Fieldwork – observe, record and present data Pictogram	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> Pictogram and Bar Graph	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> Pictogram, Bar Graph, Annotated Sketch and Flow Diagram	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> Fieldwork – observe, record and present data Pictogram, Bar Graph, Line Graph, 8 Points of Compass	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> O.S. 1:25,000 map Google Street View Land Use map Fieldwork – observe, record and present data Pictogram, Bar Graph, Line Graph, Tally Chart	<i>World wall map</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Aerial photos</i> <i>Globe maps</i> <i>Satellite photos</i> <i>Plan</i> Pictogram, Bar Graph, Line Graph, Tally Chart
<b><u>Disciplinary Knowledge</u></b> <b>Critical thinking skills</b>	Pupils develop geographical knowledge of their locality, the United Kingdom and the wider world through <b><u>identifying and selecting</u></b> information from a variety of sources, using a number of geographical techniques, to <b><u>describe</u></b> , <b><u>compare and suggest reasons</u></b> for the physical and human features they <b><u>observe</u></b> and the interaction of people with them <b><u>using basic subject-specific vocabulary</u></b>					
<b><u>Second Order Concept</u></b> <b>threads</b>	Place Location Processes Change Interaction Environment Interdependence	Place Location Processes Change Interaction Environment Distribution Interdependence Sustainability Diversity	Place Location Processes Interaction Environment Distribution Interdependence	Place Location Interaction Environment Scale Distribution	Place Location Processes Scale Interaction Environment Distribution Diversity Interdependence Sustainability	Place Location Processes Scale Interaction Interdependence Environment Distribution Sustainability Diversity
<b><u>Substantive Concept</u></b> <b>threads (also specialist vocabulary and key terms)</b>	Continent Weather Tropical Temperate Ocean Desert Polar Country	Continent Weather Polar Temperate Trade Raw material Economic activity Ocean Settlement Tropical Country Transport Agriculture Nation	Continent Weather Polar Temperate Trade Raw material Economic activity Settlement Ocean Desert Tropical Country Transport Agriculture System Climate	Continent Weather Coast Trade Climate Recreation Conservation Ocean Nation Country Transport Leisure Tourism Health	Continent Weather Settlement Transport Economic activity Agriculture Service Island Ocean Nation Country Recreation Land use Residential Region Coast	Continent Weather Settlement Transport Economic activity Agriculture Service Weather Island Ocean Nation Country Recreation Residential Region Climate Coast
<b><u>Additional specialist vocabulary and key term</u></b> <b>threads</b>	Pattern North Pole Atlas Satellite Anemometer Adaptation Antarctica Expedition Human Equator South Pole Globe Thermometer Season Gauge Okta Physical Atmosphere	Season Human Import Refine 'Free range' Hill Wood Hedgerow City Fruit Pasture Growing season Plantation Physical Farm Export Process Countryside Field Forest Livestock Village Vegetable Lake Factory Harvest	Antarctica Sahara Food chain City Waterfall North Pole Expedition Human Tundra Valley Northern Hemisphere Southern Hemisphere Adaptation Arctic Habitat River Equator South Pole Physical Ice sheet Predator Coast Iceberg	Adaptation Habitat Physical Coast Urban Low tide Holiday Code Hill Forest Cliff Food chain River Human Rural High tide Season Pollution Mountain Moor Beach Sand dune	Physical Rural Mountain Moor Forest Cliff Farm Town Landscape Storm Landslide Commercial Human Urban Hill Heath Beach City Countryside Village Arable Motorway Open space Retail	Physical Rural Village River Low tide Northern Hemisphere Southern Hemisphere Time zone Vegetation Emergent Human Urban Landscape High tide Adaptation Rainforest Understorey Canopy

# Progression in Knowledge and Skills: Key Stage 1

Enquiry	Whereabouts in the world is home for Denise and how does it compare with where I live?		How can we persuade people to join us in tackling the causes of global warming?	What do we find at places where the land meets the sea?			
<b>Substantive Knowledge</b> <b>Programmes of study threads - see enquiry Medium Term Plan and Learning Organiser for details)</b>	Locational knowledge <i>Continents and Oceans</i> Place knowledge The human and physical geography of a small area in a contrasting non-European country <u>Human and physical geography</u> Hot and cold areas of the world Equator and the <i>North and South Poles</i>		Locational knowledge Four countries and capital cities of the <i>United Kingdom</i> and its surrounding seas <u>Human and physical geography</u> <i>Daily and seasonal weather</i> patterns in the United Kingdom Hot and cold areas of the world Equator and the <i>North and South Poles</i>	Locational knowledge <i>Continents and Oceans</i> Place knowledge The human and physical geography of a small area of the <i>United Kingdom</i> <u>Human and physical geography</u> Hot and cold areas of the world. Equator and the <i>North and South Poles</i> Human and physical features of coasts			
<b>Disciplinary knowledge</b> <b>Geographical techniques threads</b>	<i>World wall map</i> <i>Globe</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Satellite photos</i> <i>Plan</i> <i>Google Street View</i> <i>Aerial photos</i> Pictogram, Bar Graph, Line Graph, Tally Chart, Venn Diagram		<i>World wall map</i> <i>Atlas maps</i> <i>Terrestrial photos</i> <i>Aerial photos</i> <i>Satellite photos</i> <i>Globe maps</i> Pictogram, Bar Graph, Line Graph, Tally Chart	<i>World wall map</i> <i>Aerial photos</i> <i>Terrestrial photos</i> <i>Atlas maps</i> <i>Satellite photos</i> <i>Globe maps</i> O.S. 1:25,000 map Pictogram, Bar Graph, Line Graph, Tally Chart    8 points of compass			
<b>Disciplinary Knowledge</b> <b>Critical thinking skills</b>	Pupils develop geographical knowledge of their locality, the United Kingdom and the wider world through <u>identifying and selecting</u> information from a variety of sources, using a number of geographical techniques, to <u>describe</u> , <u>compare and suggest reasons</u> for the physical and human features they <u>observe</u> and the interaction of people with them <u>using basic subject-specific vocabulary</u> 						
<b>Second Order Concepts</b> <b>threads</b>	<i>Place</i> <i>Environment</i> <i>Location</i> <i>Change</i> <i>Interdependence</i> <i>Diversity</i>	<i>Distribution</i> <i>Processes</i> <i>Scale</i> <i>Interaction</i> <i>Sustainability</i>	<i>Place</i> <i>Location</i> <i>Distribution</i> <i>Change</i> <i>Interdependence</i> <i>Diversity</i>	<i>Environment</i> <i>Scale</i> <i>Processes</i> <i>Interaction</i> <i>Sustainability</i>	<i>Place</i> <i>Location</i> <i>Distribution</i> <i>Change</i> <i>Interdependence</i> <i>Diversity</i>	<i>Environment</i> <i>Scale</i> <i>Processes</i> <i>Interaction</i> <i>Sustainability</i>	
<b>Substantive Concepts</b> <b>threads (also specialist vocabulary and key terms)</b>	<i>Weather</i> <i>Polar</i> Temperate <i>Settlement</i> Economic activity Transport Trade Tourism	Land use Tropical <i>Country</i> Residential Climate Service Agriculture Coast	<i>Continent</i> Economic activity Raw material Global warming Conservation Natural resources Carbon footprint	<i>Ocean</i> <i>Weather</i> Industry Tourism Development Climate Energy	<i>Continent</i> <i>Ocean</i> <i>Weather</i> <i>Coast</i> Erosion Tourism		
<b>Additional specialist</b> <b>vocabulary and key term threads</b>	<i>Physical</i> <i>Rural</i> <i>Town</i> <i>Temperate</i> <i>Polar</i> <i>Rainforest</i> <i>Volcano</i> <i>Bay</i> <i>Plantation</i> <i>Season</i>	<i>Human</i> <i>Urban</i> <i>Landscape</i> <i>Temperate</i> <i>Time zone</i> <i>Vegetation</i> <i>Route</i> <i>Mountain</i> <i>Temperature</i> <i>Rainfall</i>	<i>Tropical</i> <i>Greenhouse gas</i> <i>Pollution</i> <i>Carbon dioxide</i> <i>Arctic</i> <i>Renewable</i> <i>Non-renewable</i> <i>Landscape</i> <i>Habitat</i>	<i>Ice sheet</i> <i>Polar</i> <i>Emission</i> <i>Methane</i> <i>Antarctica</i> <i>Ecosystem</i> <i>Atmosphere</i> <i>Absorption</i> <i>Fossil fuel</i>	<i>Tropical</i> <i>Polar</i> <i>Ecosystem</i> <i>Physical</i> <i>Bay</i> <i>Great Barrier Reef</i> <i>Cliff</i> <i>Spit</i>	<i>Temperate</i> <i>Landscape</i> <i>Habitat</i> <i>Human</i> <i>Coral</i> <i>Reef</i> <i>Headland</i> <i>Port</i>	

## Progression in Knowledge and Skills: Lower Key Stage 2

Enquiry	Why do some earthquakes cause more damage than others?	Beyond the Magic Kingdom: What is the Sunshine State really like?	Why do so many people live in megacities?	How and why is my local area changing?	How can we live more sustainably?	Why are jungles so wet and deserts so dry?
<b>Substantive Knowledge</b> <b>Programmes of study threads (see enquiry MTP and LO for details)</b> <i>Highlighted red - introduced at Key Stage 1</i>	Locational knowledge South America Physical geography Earthquakes and Volcanoes	Locational knowledge North America Place knowledge A region within North America Physical geography <i>Climate zones, Biomes and Vegetation belts</i> <i>Rivers and Mountains</i> Human geography <i>Settlement, Economic Activity</i>	Locational knowledge South America Place knowledge A region within South America Human geography <i>Settlement, Land Use, Economic Activity</i>	Locational knowledge <i>United Kingdom</i> Place knowledge A region within the <i>United Kingdom</i> Human geography <i>Settlement, Land use, Economic Activity</i>	Place knowledge <i>United Kingdom</i> Human geography <i>Economic activity</i> Natural Resources	Locational knowledge South America Physical geography <i>Climate zones, Biomes and Vegetation Belts, Water Cycle</i>
<b>Disciplinary knowledge</b> <b>Geographical technique threads. Highlighted red - introduced at Key Stage 1</b>	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution and density Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, Cross section, Tabular data and Scatter Graph	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution and density, pictorial maps, Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, Venn Diagram Cross section, Tabular data and Scatter Graph	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution and density, pictorial maps, Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, Cross section, Tabular data and Scatter Graph	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps O.S. 1:25,000 map Number Letter Co-ordinates Four Figure Grid References Themed maps – population distribution and density. Pictorial map, Choropleth map <i>Fieldwork – observe, record and present data</i> Pictogram, Bar Graph, Line Graph, Tally Chart, Tabular data and Climate Graph	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution and density, pictorial maps, Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, Tabular data	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps O.S. 1:25,000 map Number Letter Co-ordinates Four Figure Grid References Themed maps – population distribution and density. Pictorial map, Choropleth map <i>Fieldwork – observe, record and present data</i> Pictogram, Bar Graph, Line Graph, Tally Chart, Climate Graph
<b>Disciplinary Knowledge</b> <b>Critical thinking skills</b>	Pupils develop a more detailed knowledge of their locality, the United Kingdom and the wider world through <u>selecting and synthesising</u> information from a range of sources, using more complex geographical techniques, to <u>explain through more informed responses</u> the physical and human features they <u>observe</u> and the interaction of people with them, <u>using more sophisticated subject-specific vocabulary</u>					
<b>Second Order Concepts threads Highlighted red – introduced at Key Stage 1</b>	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity	Place    Environment    Location Scale    Distribution    Sustainability Interdependence    Processes Change    Interaction    Diversity
<b>Substantive Concepts threads (also specialist vocabulary and key terms) Highlighted red – introduced at Key Stage 1</b>	Continent    Ocean Country    Hazard Region    Development	Continent    Tourism Region    Conservation Hazard    Recreation Country    Development Economic Activity    Climate	Continent    Country Economic activity    Settlement Development    Tourism Migration    Leisure Trade    Region	Nation    Country Transport    Settlement Leisure    Recreation Tourism    Conservation Economic activity    Industry	Natural Resources    Conservation Energy    Transport Development    Agriculture Economic activity    Biodiversity	Weather    Desert Climate    Biome Region    Biodiversity Relief
<b>Additional specialist vocabulary and key term threads Highlighted red – introduced at Key Stage 1</b>	Pattern    Correlation Magnitude    Richter Scale Tsunami    Volcano Earthquake    Fissure Epicentre    Tectonic plate Mantle    Crust Core    Fault Magma    Eruption Caldera    Cone Pacific Ring of Fire	Pattern    State Peninsula    Hurricane National park    Everglades Fold mountain    Rockies Season    Ecosystem Habitat    Pollution Endangered    Sub-tropical Temperate    Amenity Tropical    Polar	Pattern    City Megacity    Rural Urban    Urbanisation Inhabitants    Capital city Attraction    Constraint Density    Favela Congestion    Pollution Employment	Pattern    Physical Human    Rural Urban    Correlation Global warming    Flash flood Climate change    Residential Land use    Public service Deforestation    Hypothesis Commercial    Open space Redevelopment	Renewable    Non-renewable Generation    Habitat Fossil fuel    Quality of life Global warming    Source Greenhouse gas    Raw material Ecosystem    Deforestation Pollution    Climate change Sustainable development	Pattern    Precipitation Landscape    Flora Fauna    Inhabited Atacama    Amazonia Ecosystem    Adaptation Habitat    Rainforest Convictional    Drought Prevailing wind

## Progression in Knowledge and Skills: Lower Key Stage 2

Enquiry	Why is Jane's house only worth one pound?	What is the most valuable thing in the world and who owns it?				
<b>Substantive Knowledge</b> <b>Programmes of study threads - (see enquiry MTP and LO for details)</b> <b>Highlighted red - introduced at Key Stage 1</b>	Locational knowledge <i>United Kingdom</i> Physical geography <i>Coasts and Rivers</i> Human Geography <i>Economic activity</i> <i>Settlement</i>	Locational knowledge <i>United Kingdom</i> Physical geography <i>Climate zones, Biomes and</i> <i>Vegetation belts</i> <i>Rivers, Mountains, Water cycle</i> Human geography <i>Settlement, Economic Activity,</i> <i>Natural resources</i>				
<b>Disciplinary knowledge</b> <b>Geographical techniques threads. Highlighted red - introduced at Key Stage 1</b>	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution relief and population density and Choropleth map O.S. 1:50,000 map Four Figure Grid References <i>Pictogram, Bar Graph, Line Graph,</i> <i>Tally Chart, Tabular Data and</i> <i>Scatter Graph</i>	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Themed maps – population distribution relief and population density and Choropleth map <i>O.S. 1:50,000 map</i> Four Figure Grid References <i>Fieldwork – observe, record and</i> <i>present data</i> <i>Pictogram, Bar Graph, Line Graph,</i> <i>Tally Chart, Histogram, Located</i> <i>proportional bars, 8 points of</i> <i>compass, Tabular Data and Climate</i> <i>Graph</i>				
<b>Disciplinary Knowledge</b> <b>Critical thinking skills</b>	Pupils develop a more detailed knowledge of their locality, the United Kingdom and the wider world through <b>selecting and synthesising</b> information from a range of sources, using more complex geographical techniques, to <b>explain through more informed responses</b> the physical and human features they <b>observe</b> and the interaction of people with them, <b>using more sophisticated subject-specific vocabulary</b>					
<b>Second Order Concepts</b> <b>threads Highlighted red – introduced at Key Stage 1</b>	<i>Place</i> <i>Location</i> <i>Distribution</i> <i>Change</i> <i>Interdependence</i> <i>Diversity</i>	<i>Environment</i> <i>Scale</i> <i>Processes</i> <i>Interaction</i> <i>Sustainability</i>	<i>Place</i> <i>Location</i> <i>Distribution</i> <i>Change</i> <i>Interdependence</i> <i>Diversity</i>			
<b>Substantive Concepts</b> <b>threads (also specialist vocabulary and key terms) Highlighted red – introduced at Key Stage 1</b>	Erosion Management Recreation Settlement Economic activity	Desert Leisure Tourism Hazard Coast	Natural resources Relief Sustainability Hazard Economic activity	Settlement Conservation Development Management Climate		
<b>Additional specialist vocabulary and key term threads Highlighted red – introduced at Key Stage 1</b>	<i>Human</i> <i>Landscape</i> <i>Meander</i> <i>Undercutting</i> <i>Deposition</i> <i>Restoration</i> <i>Abrasion</i> <i>Pedestal</i> <i>River cliff</i> <i>Port</i> <i>Rock armour</i>	<i>Physical</i> <i>River</i> <i>Recede</i> <i>National Park</i> <i>Footpath</i> <i>Water cycle</i> <i>Hydraulic</i> <i>Sea wall</i> <i>Slip-off slope</i> <i>Dock</i>	<i>Pattern</i> <i>Non-renewable</i> <i>Epidemic</i> <i>Urban</i> <i>Reservoir</i> <i>River</i> <i>Virtual</i> <i>Development</i> <i>Valley</i> <i>Precipitation</i> <i>Impermeable</i>	<i>Renewable</i> <i>Disease</i> <i>Cholera</i> <i>Rural</i> <i>Mountain</i> <i>Consumption</i> <i>Sustainable</i> <i>Sanitation</i> <i>Slum</i> <i>Run off</i> <i>Permeable</i>		

## Progression in Knowledge and Skills: Upper Key Stage 2

Enquiry	How do volcanoes affect the lives of people on Hiemaey?		What is a river?		Why are mountains so important?		How is climate change affecting the world?		Why is Fairtrade fair?		What are National Parks for?	
<b>Substantive Knowledge</b> <b>Programmes of study threads (see enquiry MTP and LO for details)</b> <b>Highlighted red - introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</b>	Locational knowledge <i>Europe</i> <i>Lines of latitude &amp; Longitude</i> <i>Place knowledge</i> <i>Region in a European country</i> <i>Physical geography</i> <i>Volcanoes and Climate Zones</i> <i>Human geography</i> <i>Economic activity, Trade and Natural resources</i>		Locational knowledge <i>United Kingdom</i> <i>Physical geography</i> <i>Rivers and Water cycle</i> <i>Human geography</i> <i>Settlement and Land Use</i> <i>Economic activity</i>		Locational knowledge <i>United Kingdom</i> <i>Physical geography</i> <i>Mountains</i> <i>Human geography</i> <i>Settlement and Land Use</i> <i>Economic Activity</i> <i>Natural resources</i>		Locational knowledge <i>United Kingdom</i> <i>Physical geography</i> <i>Climate zones, Biomes and Vegetation belts</i> <i>Human geography</i> <i>Settlement and Land Use, Trade, Economic Activity and Natural Resources</i>		Locational knowledge <i>Europe, North America, South America</i> <i>Human geography</i> <i>Economic activity, Trade and Natural resources</i>		Locational knowledge <i>United Kingdom, North America</i> <i>Physical geography</i> <i>Vegetation belts, Mountains, Rivers</i> <i>Human geography</i> <i>Settlement and Land Use, Economic Activity and Natural Resources</i>	
<b>Disciplinary knowledge</b> <b>Geographical techniques threads. Highlighted red - introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</b>	World wall map Terrestrial photos Satellite photos Themed maps – population distribution and density Choropleth map, political and relief maps Pictogram, Bar Graph, Line Graph, Tally Chart, Climate Graph, Located Proportional Bars	Atlas maps Aerial photos Globe maps O.S. 1:25,000 map Themed maps – population distribution and density Choropleth map, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale, Contour cross section Fieldwork – observe, record and present data	World wall map Terrestrial photos Satellite photos O.S. 1:25,000 map Themed maps – population distribution and density Choropleth map, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale, Contour cross section Fieldwork – observe, record and present data	Atlas maps Aerial photos Globe maps O.S. 1:25,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section	World wall map Terrestrial photos Satellite photos O.S. 1:25,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References Six Figure Grid References, Climate Graph	Atlas maps Aerial photos Globe maps O.S. 1:25,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References Six Figure Grid References	World wall map Terrestrial photos Satellite photos O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References Six Figure Grid References	Atlas maps Aerial photos Globe maps O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map	World wall map Terrestrial photos Satellite photos O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map	Atlas maps Aerial photos Globe maps O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map	World wall map Terrestrial photos Satellite photos O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map	Atlas maps Aerial photos Globe maps O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief maps, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map
<b>Disciplinary Knowledge</b> <b>Critical thinking skills</b>	Pupils generate more in-depth and nuanced knowledge of their locality, the United Kingdom and the wider world through <b>selecting and synthesising</b> information from a wide range of sources, using an extensive range of geographical techniques, to <b>explain, evaluate</b> and make <b>informed and justified conclusions and judgements</b> , about geographical processes and issues <b>using increasingly specialist vocabulary and technical terms</b> →											
<b>Second Order Concept threads</b> <b>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</b>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>	<i>Place</i> <i>Location</i> <i>Scale</i> <i>Distribution</i> <i>Interdependence</i>	<i>Processes</i> <i>Change</i> <i>Interaction</i> <i>Sustainability</i> <i>Diversity</i>
<b>Substantive Concepts threads (also specialist vocabulary and key terms)</b> <b>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</b>	Hazard Region Island Natural resources Settlement	Climate Energy Country Trade Tourism	Relief Climate Management Leisure Economic Activity	Hazard Transport Agriculture Recreation Energy	Relief Agriculture Sustainability Conservation	Country Tourism Energy Climate	Weather Climate Desert Natural resources Economic activity	Government Sustainability Energy Hazard Coast	Natural Resources Country Economic activity Sustainability	Trade Transport Climate	Relief Natural resources Recreation Leisure Management	Sustainability Industry Region Tourism Conservation
<b>Additional specialist vocabulary and key term threads</b> <b>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</b>	Pattern Lava Mantle Fault Magma Mid-Atlantic Ridge Landscape Geothermal Ice sheet Solidify	Volcano Tectonic plate Crust Core Eruption Composite Archipelago Glacier Constraint Processing	River Source Mouth Tributary Course Channel Confluence Estuary Water cycle Meander	Landscape Habitat Ecosystem Port Financial Commercial Monsoon Land use Precipitation Flash flood	Non-renewable Mountain Sustainable Fold mountain Tectonic plate Igneous Sedimentary Metamorphic Precipitation Reservoir	Renewable Landscape Pattern Strata Range Crust Mantle Core Valley Fossil	Atmosphere Climate change Global warming Raw material Temperate Non-renewable Carbon footprint Adaptation Sustainable Desertification	Renewable Tropical Polar Drought Ice sheet Landscape Wildfire Emission Mitigation Tidal surge	Route Domestic International Import Producer Manufacturer Retailer Certified Container ship Raw material	Service Ethical Export Estuary Consumer Co-operative Port Goods Guaranteed Processing	Pattern National Park Lowland Human Land use Rural Remote Cultural heritage Inclusive	Landscape Upland Physical Conflict Urban Urbanisation Vegetation Accessible

## Progression in Knowledge and Skills: Upper Key Stage 2

Enquiry	Why does Sylvia have the largest collection of plastic bath ducks in the world?		What is being done to save Allerford?				
<b>Substantive Knowledge</b> <b>Programmes of study threads (see enquiry MTP and LO for details)</b> <i>Highlighted red - introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper KS2</i>	<u>Locational knowledge</u> <i>Latitude &amp; Longitude, Oceans</i> <u>Physical geography</u> <i>Water cycle</i> <u>Human geography</u> <i>Economic activity, Trade and Natural Resources</i>		<u>Locational knowledge</u> <i>United Kingdom</i> <u>Physical geography</u> <i>Rivers and Water cycle</i> <u>Human geography</u> <i>Settlement and Land use</i>				
<b>Disciplinary knowledge</b> <b>Geographical techniques threads.</b> <i>Highlighted red - introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass Fieldwork – observe, record and present data Located proportional bars		World wall map    Atlas maps Terrestrial photos    Aerial photos Satellite photos    Globe maps O.S. 1:25,000 map Themed maps – population distribution and density Choropleth map, Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated field sketch, <i>Fieldwork – observe, record and present data</i>				
<b>Disciplinary Knowledge</b> <b>Critical thinking skills</b>	Pupils generate more in-depth and nuanced knowledge of their locality, the United Kingdom and the wider world through <i>selecting and synthesising</i> information from a wide range of sources, using an extensive range of geographical techniques, to <i>explain, evaluate</i> and make <i>informed and justified conclusions and judgements</i> , about geographical processes and issues <i>using increasingly specialist vocabulary and technical terms</i> <div></div>						
<b>Second Order Concepts threads</b> <i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	<i>Place</i> Location Scale Distribution Interdependence	<i>Processes</i> Change Interaction Sustainability Diversity	<i>Place</i> Location Scale Distribution Interdependence	<i>Processes</i> Change Interaction Sustainability Diversity			
<b>Substantive Concepts threads (also specialist vocabulary and key terms)</b> <i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	Ocean Trade Natural resources	Conservation Sustainability Coast	Settlement Hazard Relief Sustainability	River Climate Management Region			
<b>Additional specialist vocabulary and key term threads</b> <i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	Oceanographer Ocean garbage patch Microplastic Single-use Trustworthy Random Quadrat Biodegradable Non-renewable Habitat	Gyre Gulf <i>Bay</i> Strandline Validity Sampling <i>Pollution</i> <i>Renewable</i> Ecosystem <i>Container</i>	<i>River</i> Flash flood Regulate Sustainable development Retention <i>Vegetation</i> <i>Human</i> <i>Global warming</i> <i>Climate change</i>	<i>Landscape</i> Amenity <i>Valley</i> Run off Mitigation <i>Physical</i> <i>‘wet woods’</i> <i>‘leaky dams’</i> <i>Water cycle</i>			