

# *Belton Primary School*


## *Progression in Knowledge and Skills*

*Taken from Connected Geography by David Weatherly*



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## Progression in Knowledge and Skills: Collins Connected Geography - Key Stage 1

Enquiry	What is the geography of where I live like?	How does the geography of Kampong Ayer compare with where I live?	How does the weather affect our lives?	Why don't penguins need to fly?	Why does it matter where my food comes from?	What do we find at the places where land meets the sea?		
<b><u>Substantive Knowledge</u></b> <b>Programmes of study threads (see enquiry Medium Term Plan and Learning Organiser for details).</b>	<u>Locational knowledge</u> Continents and Oceans Four countries and capital cities of the United Kingdom and its surrounding seas <u>Place knowledge</u> Small area of the United Kingdom <u>Human and physical geography</u> Local area	<u>Locational knowledge</u> Continents and Oceans <u>Place knowledge</u> 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 The Equator and the North and South Poles	<u>Locational knowledge</u> Continents and Oceans <u>Human and physical geography</u> Daily and seasonal weather patterns in UK Hot and cold areas of the world Equator and the North and South Poles	<u>Locational knowledge</u> Continents and Oceans <u>Human and physical geography</u> Daily and seasonal weather patterns in the UK Hot and cold areas of the world Equator and the North and South Poles	<u>Locational knowledge</u> Four countries and capital cities of the United Kingdom and its surrounding seas <u>Human and physical geography</u> Daily and seasonal weather patterns in the United Kingdom	<u>Locational knowledge</u> Continents and Oceans Four countries and capital cities of the United Kingdom and its surrounding seas <u>Human and physical geography</u> Coasts		
<b><u>Disciplinary knowledge</u></b> <b>Geographical techniques threads</b>	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos 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	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos Plan Pictogram, Bar Graph, Line Graph, Tally Chart	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos Fieldwork – observe, record and present data Pictogram	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos Pictogram, Bar Graph, Annotated Sketch and Flow Diagram	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos Pictogram and Bar Graph	World wall map Terrestrial photos Atlas maps Aerial photos Globe maps Satellite photos Fieldwork – observe, record and present data Pictogram, Bar Graph, Line Graph, 8 Points of Compass		
<b><u>Disciplinary Knowledge</u></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><u>Second Order Concept threads</u></b>	Place Location Processes Scale Interaction Environment Distribution Interaction Diversity Interdependence Sustainability	Place Location Processes Scale Interaction Interdependence Environment Distribution Interaction Sustainability Diversity	Place Location Processes Change Interaction Environment Interdependence	Place Location Processes Interaction Environment Distribution Interdependence	Place Location Processes Change Interaction Environment Distribution Interdependence Sustainability Diversity	Place Location Interaction Environment Scale Distribution		
<b><u>Concept Threads</u></b>	Settlement Economic Activity Tourism Sustainability	Settlement Economic Activity Trade Tourism Sustainability	Tourism	Economic activity Settlement Sustainability	Sustainability Economic activity Trade Settlement	Trade Tourism		
<b><u>Other Substantive Concepts (also specialist vocabulary and key terms)</u></b>	Continent Ocean Weather Nation Settlement Country Transport Recreation Economic activity Land use Agriculture Residential Service Region Island Coast	Continent Ocean Weather Nation Country Transport Recreation Agriculture Residential Service Region Weather Climate Island Coast	Continent Ocean Weather Desert Tropical Polar Temperate Country	Continent Ocean Weather Desert Polar Tropical Temperate Country Trade Transport Raw material Agriculture Economic activity System Settlement Climate	Continent Ocean Weather Nation Polar Tropical Temperate Country Transport Raw material Agriculture Nation	Continent Ocean Weather Nation Coast Country Transport Climate Leisure Recreation Conservation Health		
<b><u>Additional specialist vocabulary and key term threads</u></b>	Physical Rural Mountain Moor Forest Cliff Farm Town Landscape Storm	Human Urban Hill Heath Beach City Countryside Village Arable Motorway	Physical Rural Village River Low tide Northern Hemisphere Southern Hemisphere Time zone Rainforest Vegetation Understorey Emergent Canopy	Human Urban Landscape High tide Adaptation Antarctica Expedition Human	Equator South Pole Globe Thermometer Season Gauge Okta Physical Atmosphere	Antarctica Adaptation Sahara Arctic Habitat River Equator South Pole Physical Ice sheet Predator Coast	Season Physical Farm Export Process Countryside Field Forest Livestock Vegetable	Adaptation Food chain Habitat River Physical Human Coast Rural High tide Season Pollution Mountain Moor Beach

	Landslide Commercial	Open space Retail		Northern Hemisphere Southern Hemisphere	Iceberg	Pasture Growing season Plantation	Lake Factory Harvest	Cliff Sand dune
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### Progression in Knowledge and Skills: Collins Connected Geography – 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> <b>Highlighted red - introduced at Key Stage 1</b>	<u>Locational knowledge</u> South America <u>Physical geography</u> Earthquakes and Volcanoes	<u>Locational knowledge</u> North America <u>Place knowledge</u> A region within North America <u>Physical geography</u> Climate zones, Biomes and Vegetation belts Rivers and Mountains <u>Human geography</u> Settlement, Economic Activity	<u>Locational knowledge</u> South America <u>Place knowledge</u> A region within South America <u>Human geography</u> Settlement, Land Use, Economic Activity	<u>Locational knowledge</u> <b>United Kingdom</b> <u>Place knowledge</u> A region within the <b>United Kingdom</b> <u>Human geography</u> Settlement, Land use, Economic Activity	<u>Place knowledge</u> <b>United Kingdom</b> <u>Human geography</u> <u>Economic activity</u> Natural Resources	<u>Locational knowledge</u> South America <u>Physical geography</u> Climate zones, Biomes and Vegetation Belts, Water Cycle
<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, 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 Fieldwork – observe, record and present data 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 Fieldwork – observe, record and present data 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 <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 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>Concept Threads</b>	Sustainability Settlement Economic Activity	Sustainability Economic Activity Tourism Settlement	Trade Economic Activity Settlement Sustainability	Tourism Economic activity Sustainability Settlement Trade	Sustainability Economic Activity	Sustainability
<b>Other Substantive Concepts threads (also specialist vocabulary and key terms)</b> <b>Highlighted red – introduced at Key Stage 1</b>	Continent Country Region Ocean Hazard Development	Continent Region Hazard Country Conservation Recreation Development Climate	Continent Development Migration Region Country Tourism Leisure	Nation Transport Leisure Country Recreation Conservation Industry	Natural Resources Energy Development Biodiversity Conservation Transport Agriculture	Weather Climate Region Relief Desert Biome Biodiversity
<b>Additional specialist vocabulary and key term threads Highlighted red – introduced at Key Stage 1</b>	Pattern Magnitude Tsunami Earthquake Correlation Richter Scale Volcano Fissure	Pattern Peninsula National park Fold mountain State Hurricane Everglades Rockies	Pattern Megacity Urban Inhabitants City Rural Urbanisation Capital city	Pattern Human Urban Global warming Physical Rural Correlation Flash flood	Renewable Generation Fossil fuel Global warming Non-renewable Habitat Quality of life Source	Pattern Landscape Fauna Atacama Precipitation Flora Inhabited Amazonia

	Epicentre Mantle Core Magma Caldera Pacific Ring of Fire	Tectonic plate Crust Fault Eruption Cone	Season Habitat Endangered Temperate	Ecosystem Pollution Sub-tropical Amenity	Attraction Density Congestion Employment	Constraint Favela Pollution	Climate change Land use Deforestation Commercial Redevelopment	Residential Public service Hypothesis Open space	Greenhouse gas Ecosystem Pollution Sustainable development	Raw material Deforestation Climate change	Ecosystem Habitat Convectional Prevailing wind	Adaptation Rainforest Drought
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### Progression in Knowledge and Skills: Collins Connected Geography – Upper Key Stage 2

Enquiry	How do volcanoes affect the lives of people on Hiemaey?		What is a river?		Why are mountains so important?		What are National Parks for?		Why is Fairtrade fair?		How is climate change affecting the world?	
<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>	<u>Locational knowledge</u> <i>Europe</i> <i>Lines of latitude &amp; Longitude</i> <u>Place knowledge</u> <i>Region in a European country</i> <u>Physical geography</u> <i>Volcanoes and Climate Zones</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> <i>Economic activity</i>		<u>Locational knowledge</u> <i>United Kingdom</i> <u>Physical geography</u> <i>Mountains</i> <u>Human geography</u> <i>Settlement and Land Use</i> <i>Economic Activity</i> <i>Natural resources</i>		<u>Locational knowledge</u> <i>United Kingdom, North America</i> <u>Physical geography</u> <i>Vegetation belts, Mountains, Rivers</i> <u>Human geography</u> <i>Settlement and Land Use, Economic Activity and Natural Resources</i>		<u>Locational knowledge</u> <i>Europe, North America, South America</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>Climate zones, Biomes and Vegetation belts</i> <u>Human geography</u> <i>Settlement and Land Use, Trade, 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	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 <i>Fieldwork – observe, record and present data</i>	Atlas maps Aerial photos Globe maps	World wall map Terrestrial photos Satellite photos 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	Atlas maps Aerial photos Globe maps	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 References, Six Figure Grid References, Straight and actual distance measurement using scale Contour cross section, Annotated sketch map	Atlas maps Aerial photos Globe maps	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	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, <i>Climate Graph</i>	Atlas maps Aerial photos Globe maps
<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> <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> <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>Concept Threads</b>	Settlement Trade Tourism Sustainability		Economic activity Sustainability		Sustainability Tourism		Tourism Sustainability Settlement Economic activity		Sustainability Trade Economic activity		Sustainability Economic Activity Tourism Settlement	
<b>Other Substantive Concepts threads (also specialist vocabulary and key terms)</b>	Hazard Region Island Natural resources	Climate Energy Country	Relief Climate Management Leisure	Hazard Transport Agriculture Recreation	Relief Agriculture Conservation	Country Energy Climate	Relief Natural resources Recreation Leisure	Industry Region Tourism	Natural Resources Country	Transport Climate	Weather Climate Desert Natural resources	Government Energy Hazard

<i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>			Energy				Management	Conservation				Coast
<b><u>Additional specialist vocabulary and key term threads</u></b> <i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	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	Pattern National Park Lowland Human Land use Rural Remote Cultural heritage Inclusive	Landscape Upland Physical Conflict Urban Urbanisation Vegetation Accessible	Route Domestic International Import Producer Manufacturer Retailer Certified Container ship Raw material	Service Ethical Export Estuary Consumer Co-operative Port Goods Guaranteed Processing	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