

Belton Primary School

Progression in Knowledge and Skills

Taken from Connected Geography by David Weatherly



Progression in Knowledge and Skills: Collins Connected Geography - 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?
<u>Substantive Knowledge</u> <u>Programmes of study threads (see enquiry Medium Term Plan and Learning Organiser for details).</u>	<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> 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 <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> Continents and Oceans Four countries and capital cities of the United Kingdom and its surrounding seas <u>Human and physical geography</u> Coasts	<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>Disciplinary knowledge</u> <u>Geographical techniques threads</u>	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 and Bar Graph	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 Fieldwork – observe, record and present data Pictogram, Bar Graph, Line Graph, 8 Points of Compass	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
<u>Disciplinary Knowledge</u> <u>Critical thinking skills</u>	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>					
<u>Second Order Concept threads</u>	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 Interaction Diversity Interdependence Sustainability	Place Location Processes Scale Interaction Interdependence Environment Distribution Interaction Sustainability Diversity
<u>Substantive Concept threads (also specialist vocabulary and key terms)</u>	Continent Ocean Weather Desert Tropical Polar Temperate Country	Continent Ocean Weather Settlement Polar Tropical Temperate Country Trade Transport Raw material Agriculture Economic activity Nation	Continent Ocean Weather Desert Polar Tropical Temperate Country Trade Transport Raw material Agriculture Economic activity System Settlement Climate	Continent Ocean Weather Nation Coast Country Trade Transport Climate Leisure Recreation Tourism Conservation Health	Continent Ocean Weather Nation Settlement Country Transport Recreation Economic activity Land use Agriculture Residential Service Region Island Coast	Continent Ocean Weather Nation Settlement Country Transport Recreation Economic activity Agriculture Residential Service Region Weather Climate Island Coast
<u>Additional specialist vocabulary and key term threads</u>	Pattern Equator North Pole South Pole Atlas Globe Satellite Thermometer Anemometer Season Adaptation Gauge Antarctica Okta Expedition Physical Human Atmosphere	Season Physical Human Farm Import Export Refine Process 'Free range' Countryside Hill Field Wood Forest Hedgerow Livestock City Village Fruit Vegetable Pasture Lake Growing season Factory Plantation Harvest	Antarctica Adaptation Sahara Arctic Physical Habitat Food chain River City River Waterfall Equator North Pole South Pole Expedition Physical Human Ice sheet Tundra Predator Valley Coast Northern Hemisphere Iceberg Southern Hemisphere	Adaptation Food chain Habitat River Physical Human Coast Rural Urban High tide Low tide Season Holiday Pollution Code Mountain Hill Moor Forest Beach Cliff Sand dune	Physical Human Rural Urban Mountain Hill Moor Heath Forest Beach Cliff City Farm Countryside Town Village Landscape Arable Storm Motorway Landslide Open space Commercial Retail	Physical Human Rural Urban Village Landscape River High tide Low tide Adaptation Northern Hemisphere Southern Hemisphere Time zone Rainforest Vegetation Understorey Emergent Canopy

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?
Substantive Knowledge Programmes of study threads (see enquiry MTP and LO for details) <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>
Disciplinary knowledge Geographical technique threads. Highlighted red - introduced at Key Stage 1	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 <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
Disciplinary Knowledge Critical thinking skills	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>					
Second Order Concepts threads Highlighted red – introduced at Key Stage 1	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
Substantive Concepts threads (also specialist vocabulary and key terms) Highlighted red – introduced at Key Stage 1	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
Additional specialist vocabulary and key term threads Highlighted red – introduced at Key Stage 1	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	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 Convectional Drought Prevailing wind

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?		How is climate change affecting the world?		Why is Fairtrade fair?		What are National Parks for?	
Substantive Knowledge Programmes of study threads (see enquiry MTP and LO for details) <i>Highlighted red - introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	<u>Locational knowledge</u> <i>Europe</i> <i>Lines of latitude & 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</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>		<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, 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>	
Disciplinary knowledge Geographical techniques threads. <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 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, Climate Graph	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	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	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
Disciplinary Knowledge Critical thinking skills	Pupils generate more in-depth and nuanced knowledge of their locality, the United Kingdom and the wider world through selecting and synthesising information from a wide range of sources, using an extensive range of geographical techniques, to explain, evaluate and make informed and justified conclusions and judgements , about geographical processes and issues using increasingly specialist vocabulary and technical terms →											
Second Order Concept threads <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>
Substantive Concepts threads (also specialist vocabulary and key terms) <i>Highlighted red – introduced at Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2</i>	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
Additional specialist vocabulary and key term threads <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	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

