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

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| ***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?*** |
| ***Substantive Knowledge Programmes of study threads (see enquiry Medium Term Plan and Learning Organiser for details).*** | Locational knowledge*Continents and Oceans*Human and physical geography*Daily and seasonal weather 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 United Kingdom and its surrounding seas*Human and physical geography*Daily and seasonal weather patterns in the United Kingdom*  | Locational knowledge*Continents and Oceans*Human and physical geography*Daily and seasonal weather patterns in the UK**Hot and cold areas of the world**Equator and the North and South Poles* | Locational knowledge*Continents and Oceans**Four countries and capital cities of the United Kingdom and its surrounding seas*Human and physical geography*Coasts* | Locational knowledge*Continents and Oceans* *Four countries and capital cities of the United Kingdom and its surrounding seas* Place knowledge*Small area of the United Kingdom*Human and physical geography*Local area* | Locational knowledge*Continents and Oceans*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 North and South Poles* |
| ***Disciplinary knowledge*** ***Geographical techniques******threads*** | *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* |
| ***Disciplinary Knowledge Critical thinking skills***  | Pupils develop geographical knowledge of their locality, the United Kingdom and the wider world through ***identifying and selecting*** information from a variety of sources, using a number of geographical techniques, to ***describe, compare and suggest reasons*** for the physical and human features they ***observe*** and the interaction of people with them **using basic subject-specific vocabulary** |
| ***Second Order Concepts threads (also specialist vocabulary and key terms)*** | *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*  |
| ***Substantive Concepts threads (also specialist vocabulary and key terms)*** | Continent OceanWeather DesertTropical Polar Temperate Country  | Continent OceanWeather SettlementPolar TropicalTemperate CountryTrade TransportRaw material AgricultureEconomic activity Nation | Continent OceanWeather DesertPolar TropicalTemperate CountryTrade TransportRaw material AgricultureEconomic activity System Settlement Climate  | Continent OceanWeather NationCoast CountryTrade TransportClimate LeisureRecreation TourismConservation Health | Continent OceanWeather NationSettlement CountryTransport Recreation Economic activity Land use Agriculture Residential Service Region Island Coast  | Continent OceanWeather NationSettlement CountryTransport Recreation Economic activity Agriculture Residential Service Region Weather Climate Island Coast |
| ***Additional specialist vocabulary and key term threads*** | *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 Pasture* *Lake Growing season* *Factory Plantation* *Harvest* | *Antarctica Adaptation**Sahara Arctic**Food chain Habitat**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: Additional Non-Collins Enquiries – Key Stage 1**

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| ***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?*** |  |  |  |
| ***Substantive Knowledge Programmes of study threads - see enquiry Medium Term Plan and Learning Organiser for details)***  | Locational knowledge*Continents and Oceans*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* *Equator and the North and South Poles* | Locational knowledge*Four countries and capital cities of the United Kingdom and its surrounding seas*Human and physical geography*Daily and seasonal weather patterns in the United Kingdom* *Hot and cold areas of the world**Equator and the North and South Poles* | Locational knowledge*Continents and Oceans*Place knowledge*The human and physical geography of a small area of the United Kingdom*Human and physical geography*Hot and cold areas of the world.**Equator and the North and South Poles**Human and physical features of coasts* |  |  |  |
| ***Disciplinary knowledge*** ***Geographical techniques threads*** | *World wall map Globe**Terrestrial photos Atlas maps* *Satellite photos Plan**Google Street View Aerial photos**Fieldwork – observe, record and present data**Pictogram, Bar Graph, Line Graph, Tally Chart, Venn Diagram* | *World wall map Atlas maps* *Terrestrial photos Aerial photos**Satellite photos Globe maps* *Pictogram, Bar Graph, Line Graph, Tally Chart* | *World wall map Aerial photos**Terrestrial photos Atlas maps* *Satellite photos Globe maps* *O.S. 1:25,000 map* *Pictogram, Bar Graph, Line Graph, Tally Chart 8 points of compass* |  |  |  |
| ***Disciplinary Knowledge Critical thinking skills***  | Pupils develop geographical knowledge of their locality, the United Kingdom and the wider world through ***identifying and selecting*** information from a variety of sources, using a number of geographical techniques, to ***describe, compare and suggest reasons*** for the physical and human features they ***observe*** and the interaction of people with them **using basic subject-specific vocabulary** |
| ***Second Order Concepts threads (also specialist vocabulary and key terms)*** | *Place Distribution Environment Processes**Location Scale**Change Interaction Interdependence Sustainability Diversity* | *Place Environment**Location Scale**Distribution Processes**Change Interaction Interdependence Sustainability Diversity* | *Place Environment**Location Scale**Distribution Processes**Change Interaction Interdependence Sustainability Diversity* |  |  |  |
| ***Substantive Concepts threads (also specialist vocabulary and key terms)*** | Weather Land usePolar TropicalTemperate Country Settlement Residential Economic activity ClimateTransport Service Trade AgricultureTourism Coast | Continent Ocean Economic activity WeatherRaw material Industry Global warming TourismConservation DevelopmentNatural resources ClimateCarbon footprint Energy | Continent OceanWeather ClimateCoast IslandErosion Tourism |  |  |  |
| ***Additional specialist vocabulary and key term threads*** | *Physical Human**Rural Urban**Town Landscape**Tropical Temperate**Polar Time zone**Rainforest Vegetation**Volcano Route**Bay Mountain**Plantation*  | *Tropical Ice sheet**Greenhouse gas Polar* *Pollution Emission**Carbon dioxide Methane**Arctic Antarctica**Renewable Ecosystem* *Non-renewable Atmosphere Landscape Absorption* *Habitat Fossil fuel*  | *Tropical Temperate**Polar Landscape**Ecosystem Habitat**Physical Human**Bay Coral* *Great Barrier Reef Reef**Cliff Headland**Spit Port* |  |  |  |

**Progression in Knowledge and Skills: Collins Connected Geography – Lower Key Stage 2**

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| ***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) Highlighted red – established during Key Stage 1*** | Locational knowledge*South America*Physical geography*Earthquakes and Volcanoes* | Locational knowledge*North America*Place knowledgeA region within *North America*Physical geography*Climate zones, Biomes and Vegetation belts**Rivers and Mountains*Human geography*Settlement, Economic Activity* | Locational knowledge*South America*Place knowledgeA region within *South America*Human geography*Settlement, Land Use, Economic Activity* | Locational knowledge*United Kingdom*Place knowledgeA region within the *United Kingdom*Human geography*Settlement, Land use, Economic Activity*  | Place knowledge*United Kingdom*Human geography*Economic activity**Natural Resources* | Locational knowledge*South America*Physical geography*Climate zones, Biomes and Vegetation Belts, Water Cycle* |
| ***Disciplinary knowledge*** ***Geographical techniques threads. Highlighted red – established during Key Stage 1*** | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps Themed maps – population distribution and densityChoropleth map Pictogram, Bar Graph, Line Graph, Tally Chart,Cross section, Tabular data and Scatter Graph  | World wall map Atlas maps Terrestrial photos Aerial photosSatellite 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 photosSatellite 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 photosSatellite photos Globe maps O.S. 1:25,000 map Number Letter Co-ordinatesFour Figure Grid References Themed maps – population distribution and density.Pictorial map, Choropleth map Fieldwork – observe, record and present dataPictogram, Bar Graph, Line Graph, Tally Chart, Tabular data and Climate Graph  | World wall map Atlas maps Terrestrial photos Aerial photosSatellite 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 photosSatellite photos Globe maps O.S. 1:25,000 map Number Letter Co-ordinatesFour Figure Grid References Themed maps – population distribution and density.Pictorial map, Choropleth map Fieldwork – observe, record and present dataPictogram, 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 ***selecting and synthesising*** information from a range of sources, using more complex geographical techniques, to ***explain* *through more informed responses*** the physical and human features they ***observe*** and the interaction of people with them, **using more sophisticated subject-specific vocabulary** |
| ***Second Order Concepts threads Highlighted red – established during Key Stage 1*** | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity | Place Environment Location Scale Distribution Sustainability Interdependence ProcessesChange Interaction Diversity |
| ***Substantive Concepts threads (also specialist vocabulary and key terms)* *Highlighted red – established during Key Stage 1*** | Continent OceanCountry HazardRegion Development | Continent TourismRegion ConservationHazard RecreationCountry DevelopmentEconomic Activity Climate  | Continent CountryEconomic activity SettlementDevelopment TourismMigration LeisureTrade Region | Nation CountryTransport SettlementLeisure Recreation Tourism Conservation Economic activity Industry  | Natural Resources ConservationEnergy TransportDevelopment AgricultureEconomic activity Biodiversity | Weather DesertClimate BiomeRegion BiodiversityRelief |
| ***Additional specialist vocabulary and key term threads Highlighted red –established during Key Stage 1*** | Pattern CorrelationMagnitude Richter ScaleTsunami VolcanoEarthquake FissureEpicentre Tectonic plateMantle CrustCore FaultMagma EruptionCaldera ConePacific Ring of Fire | Pattern StatePeninsula HurricaneNational park EvergladesFold mountain RockiesSeason EcosystemHabitat PollutionEndangered Sub-tropicalTemperate Amenity  | Pattern CityMegacity Rural Urban UrbanisationInhabitants Capital cityAttraction ConstraintDensity FavelaCongestion PollutionEmployment | Pattern PhysicalHuman RuralUrban CorrelationGlobal warming Flash floodClimate change ResidentialLand use Public serviceDeforestation HypothesisCommercial Open spaceRedevelopment  | Renewable Non-renewableGeneration HabitatFossil fuel Quality of lifeGlobal warming SourceGreenhouse gas Raw material Ecosystem Deforestation Pollution Climate changeSustainable development  | Pattern PrecipitationLandscape FloraFauna InhabitedAtacama AmazoniaEcosystem Adaptation Habitat Rainforest Convectional DroughtPrevailing wind |

**Progression in Knowledge and Skills: Additional Non-Collins Enquiries – Lower Key Stage 2**

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| ***Enquiry*** | ***Why is Jane’s house only worth one pound?*** | ***What is the most valuable thing in the world and who owns it?*** |  |  |  |  |
| ***Substantive Knowledge Programmes of study threads - (see enquiry MTP and LO for details) Highlighted red -established during Key Stage 1*** | Locational knowledge*United Kingdom*Physical geography*Coasts and Rivers*Human Geography*Economic activity**Settlement* | Locational knowledge*United Kingdom*Physical geography*Climate zones, Biomes and Vegetation belts**Rivers, Mountains, Water cycle*Human geography*Settlement, Economic Activity,**Natural resources* |  |  |  |  |
| ***Disciplinary knowledge*  *Geographical techniques threads. Highlighted red – established during Key Stage 1*** | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps Themed maps – population distribution relief and population density and Choropleth map O.S. 1:50,000 mapFour Figure Grid References Pictogram, Bar Graph, Line Graph, Tally Chart, Tabular Data and Scatter Graph | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps Themed maps – population distribution relief and population density and Choropleth map O.S. 1:50,000 map Four Figure Grid References Fieldwork – observe, record and present dataPictogram, Bar Graph, Line Graph, Tally Chart, Histogram, Located proportional bars, 8 points of compass, Tabular Data and Climate Graph |  |  |  |  |
| ***Disciplinary Knowledge Critical thinking skills***  | Pupils develop a more detailed knowledge of their locality, the United Kingdom and the wider world through ***selecting and synthesising*** information from a range of sources, using more complex geographical techniques, to ***explain through more informed responses*** the physical and human features they ***observe*** and the interaction of people with them, **using more sophisticated subject-specific vocabulary** |
| ***Second Order Concepts threads Highlighted red – established during Key Stage 1*** | *Place Environment**Location Scale**Distribution Processes**Change Interaction Interdependence Sustainability Diversity* | *Place Environment**Location Scale**Distribution Processes**Change Interaction Interdependence Sustainability Diversity* |  |  |  |  |
| ***Substantive Concepts threads (also specialist vocabulary and key terms) Highlighted red – established during Key Stage 1*** | Erosion DesertManagement LeisureRecreation TourismSettlement HazardEconomic activity Coast | Natural resources SettlementRelief ConservationSustainability Development Hazard ManagementEconomic activity Climate |  |  |  |  |
| ***Additional specialist vocabulary and key term threads Highlighted red – established during Key Stage 1*** | Human PhysicalLandscape RiverMeander RecedeUndercutting National ParkDeposition FootpathRestoration Water cycleAbrasion HydraulicPedestal Sea wall River cliff Slip-off slopePort DockRock armour  | Pattern RenewableNon-renewable DiseaseEpidemic CholeraUrban RuralReservoir MountainRiver ConsumptionVirtual Sustainable Development Sanitation Valley SlumPrecipitation Run offImpermeable Permeable |  |  |  |  |

**Progression in Knowledge and Skills: Collins Connected Geography – Upper Key Stage 2**

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| ***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) Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | Locational knowledge*Europe**Lines of latitude & Longitude*Place knowledge*Region in a European country*Physical geography*Volcanoes and Climate Zones*Human geography*Economic activity, Trade and* *Natural resources* | Locational knowledge*United Kingdom*Physical geography*Rivers and Water cycle*Human geography*Settlement and Land Use**Economic activity* | Locational knowledge*United Kingdom*Physical geography*Mountains*Human geography*Settlement and Land Use**Economic Activity**Natural resources* | Locational knowledge*United Kingdom*Physical geography*Climate zones, Biomes and* *Vegetation belts*Human geography*Settlement and Land Use, Trade, Economic Activity and Natural Resources* | Locational knowledge*Europe, North America, South America*Human geography*Economic activity, Trade and**Natural resources* | Locational knowledge*United Kingdom, North America*Physical geography*Vegetation belts, Mountains,**Rivers*Human geography*Settlement and Land Use, Economic Activity and Natural resources* |
| ***Disciplinary knowledge*** ***Geographical techniques threads. Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps Themed maps – population distribution and densityChoropleth map, political and relief maps Pictogram, Bar Graph, Line Graph, Tally Chart, Climate Graph, Located Proportional Bars | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps O.S. 1:25,000 mapThemed maps – population distribution and densityChoropleth 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 Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps O.S. 1:25,000 mapThemed maps – population distribution and density, pictorial maps, Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid ReferencesSix Figure Grid References, Straight and actual distance measurement using scaleContour cross section | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps O.S. 1:25,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief mapsPictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid ReferencesSix Figure Grid References, Climate Graph | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps O.S. 1:50,000 map Themed maps – population distribution and density, pictorial maps, Choropleth map, political and relief mapsPictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compass, Four Figure Grid ReferencesSix Figure Grid References | World wall map Atlas maps Terrestrial photos Aerial photosSatellite 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 scaleContour cross section, Annotated sketch map  |
| ***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 Concepts threads Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* |
| ***Substantive Concepts threads (also specialist vocabulary and key terms) Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | Hazard ClimateRegion EnergyIsland CountryNatural resources TradeSettlement Tourism | Relief HazardClimate TransportManagement AgricultureLeisure Recreation Economic Activity Energy | Relief CountryAgriculture TourismSustainability Energy Conservation Climate  | Weather GovernmentClimate SustainabilityDesert EnergyNatural resources HazardEconomic activity Coast | Natural Resources TradeCountry TransportEconomic activity ClimateSustainability | Relief SustainabilityNatural resources IndustryRecreation RegionLeisure TourismManagement Conservation |
| ***Additional specialist vocabulary and key term threads Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | Pattern VolcanoLava Tectonic plateMantle CrustFault CoreMagma EruptionMid-Atlantic Ridge CompositeLandscape ArchipelagoGeothermal GlacierIce sheet ConstraintSolidify Processing | River LandscapeSource HabitatMouth EcosystemTributary PortCourse FinancialChannel CommercialConfluence MonsoonEstuary Land useWater cycle PrecipitationMeander Flash flood | Non-renewable RenewableMountain Landscape Sustainable PatternFold mountain StrataTectonic plate RangeIgneous CrustSedimentary MantleMetamorphic CorePrecipitation ValleyReservoir Fossil | Atmosphere RenewableClimate change TropicalGlobal warming PolarRaw material DroughtTemperate Ice sheet Non-renewable LandscapeCarbon footprint WildfireAdaptation Emission Sustainable MitigationDesertification Tidal surge | Route ServiceDomestic EthicalInternational Export Import EstuaryProducer Consumer Manufacturer Co-operative Retailer PortCertified GoodsContainer ship GuaranteedRaw material Processing  | Pattern LandscapeNational Park UplandLowland PhysicalHuman ConflictLand use UrbanRural UrbanisationRemote VegetationCultural heritage AccessibleInclusive |

**Progression in Knowledge and Skills: Additional Non-Collins Enquiries – Upper Key Stage 2**

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| ***Enquiry*** | ***Why does Sylvia have the largest collection of plastic bath ducks in the world?*** | ***What is being done to save Allerford?*** |  |  |  |  |
| ***Substantive Knowledge Programmes of study threads (see enquiry MTP and LO for details) Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper KS2*** | Locational knowledge*Latitude & Longitude, Oceans*Physical geography*Water cycle*Human geography*Economic activity, Trade and Natural Resources* | Locational knowledge*United Kingdom*Physical geography*Rivers and Water cycle*Human geography*Settlement and Land use* |  |  |  |  |
| ***Disciplinary knowledge*** ***Geographical techniques threads. Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps Choropleth map Pictogram, Bar Graph, Line Graph, Tally Chart, 8 points of compassFieldwork – observe, record and present dataLocated proportional bars | World wall map Atlas maps Terrestrial photos Aerial photosSatellite photos Globe maps O.S. 1:25,000 mapThemed maps – population distribution and densityChoropleth 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 scaleContour cross section, Annotated field sketch, Fieldwork – observe, record and present data |  |  |  |  |
| ***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 Concepts*** ***threads Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* | *Place Processes**Location Change**Scale Interaction**Distribution Sustainability Interdependence Diversity* |  |  |  |  |
| ***Substantive Concepts******threads (also specialist vocabulary and key terms) Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | Ocean ConservationTrade SustainabilityNatural resources Coast | Settlement RiverHazard ClimateRelief ManagementSustainability Region |  |  |  |  |
| ***Additional specialist vocabulary and key term threads Highlighted red – established during Key Stage 1 and/or Lower Key Stage 2 and consolidated in Upper Key Stage 2*** | *Oceanographer Gyre**Ocean garbage patch Gulf**Microplastic Bay**Single-use Strandline**Trustworthy Validity**Random Sampling**Quadrat Pollution**Biodegradable Renewable**Non-renewable Ecosystem**Habitat Container* | *River Landscape**Flash flood Amenity**Regulate Valley**Sustainable development Run off**Retention Mitigation**Vegetation Physical**Human ‘wet woods’**Global warming ‘leaky dams’**Climate change Water cycle*  |  |  |  |  |