

Subject Academic Curriculum Overview

Year	<i>Term - Content</i>						<i>Transition Milestones</i>
	Sept – Oct	Oct- Dec	Jan-Feb	Feb-Mar	April – May	June-July	
7	<p>Fantastic Places What is Geography? Rio – 4 Figure Grid References Victoria Falls – 6 figure grid references Mt St Helens – Contours</p>	<p>Fantastic Places Antarctica – Scale Ganges – Measuring Distance Great Barrier Reef – Interpreting map skills/Drawing sketch maps Peak District – OS map symbols</p> <p style="color: green;"><i>Local Fieldwork: Field sketching/map skills</i></p>	<p>India Where is India? How does life in India compare with life in the UK? Why is India’s landscape so diverse? What is the population like in India? How can Development impact India’s population? What is a TNC and how has it had an impact on India’s development? How has Mumbai changed? What is it like to live in Dharavi? What does a slum look like?</p>	<p>Weather and Climate What is weather? Measuring weather Types of rainfall Interpreting weather maps Air pressure</p>	<p>Weather and Climate Global climates Interpreting climate graphs Factors that influence climate Temperature history Global warming Current issues Who will suffer? What can we do?</p> <p style="color: green;"><i>Local fieldwork: Microclimate</i></p>	<p>Rivers Water cycle Drainage basins Long profiles and cross profiles River processes River landforms Rivers and us Floods</p> <p style="color: green;"><i>Local Fieldwork: River Study – The torrs</i></p>	<p>By the end of the year students will have learned to apply the following skills through the content studied.....</p> <p>4/6 figure grid references, interpreting contour lines, calculating scale, measuring distance, drawing sketch maps, interpreting OS map symbols, interpreting weather maps, interpreting climate graphs, interpreting line graphs, interpreting long and cross profiles of rivers, description and explanation skills, interpreting isoline maps, interpreting line graphs and bar charts.</p>
8	<p>Rocks, weathering and soils What is rock? The three rock groups The rock cycle Weathering The British Isles Rock around the UK Rock and landscapes Soil.....and you</p> <p style="color: green;"><i>On site Field work: Soils</i></p>	<p>Fragile Environments Earth’s natural resources Water around the world The water challenge Desertification Oil Renewable energy Effects on other species</p> <p style="color: green;"><i>Local Fieldwork: Hydroelectric power – the Torrs.</i></p>	<p>Population 1. How has the world’s population changed? 2. Global distribution 3. UK population 4. Population growth rate 5. Impact on the planet 6. What can countries do to change their growth rate? Kerala vs China 7. What are population pyramids? 8. How can migration affect population?</p>	<p>Manchester - A Unique Place 1. What is it about Manchester that makes it a major UK city? 2. What makes Manchester different to other places? 3. How has Manchester grown as an economic hub? 4. What urban changes has Manchester faced? 5. Manchester – an ethnically diverse city. 6. Salford Quays – An economic hub of the past, present and future. 7. Has everyone benefited from the redevelopment of the Quays? 8. Why and where are there social inequalities in Manchester?</p>	<p>Coasts Waves and tides Coastal processes Coastal landforms The coast and us Newquay Coastal flooding Happisburgh Coastal defences</p> <p style="color: green;"><i>Virtual Fieldwork: Coastal defences.</i></p>	<p>Middle East 1. What and where is the Middle East? 2. Climate of the Middle East 3. Population distribution 4. The UK and the Middle East 5 and 6. Is Dubai a sustainable city?</p>	<p>Annotating photos and sketches, interpreting population pyramids, evaluation skills, interpreting choropleth maps.</p> <p>REVISIT: 4 and 6 figure grid references (Rocks), Climate graphs (middle east), OS maps, measuring height on a map and measuring distance/scale (Coasts), Line graphs (Population and Urbanisation)</p>

				9. What is the future for cities like Manchester? Virtual Fieldwork: Manchester			
9	Plate Tectonics and Geological Timescale Earth's structure Formation of Earth Evolution Human arrival Geological timescales Interaction between humans and Earth	Plate Tectonics and Geological Timescale Tectonic plates and plate boundaries Volcanoes (causes, effects, responses) Earthquakes (causes, effect, responses) Tsunami (causes, effects, responses) Virtual Fieldwork: Volcanoes/earthquakes	Africa What and where is Africa? Countries and regions Population distribution Physical features Industry Life as a nomad Life on the coast The future for Africa	Russia Introduction to Russia Physical Geography of Russia Climate of Russia Population of Russia Rural vs Urban Russia and the environment (Natural Resources) Russia in our lives Chernobyl	Glaciers What are glaciers? Glacier formation Glacial processes Glacial features Glaciers and OS maps Glaciers and humans Virtual Fieldwork: Glacial Landscapes	China Where is China? How has China changed and lifted out of poverty? China's Southwest Region What is Chongqing like? Life in Chongqing Biodiversity in China Tibet Rivers and Dams	Interpreting and constructing pie charts. REVISIT: Choropleth maps (Russia/Africa population) Climate graphs (Russia's Climate) 4 and 6 figure grid references, measuring height on a map, scale and measuring distance (Glaciers and OS maps) Cross profiles (Glaciers) Annotating photos (Glacial features) Population Pyramid (Population of Russia)
10	UK in the 21st Century What is the UK? Land use/housing shortages Human and physical geography of UK How is the UK's population changing? UK's ageing population Case study of a UK place UK's changing economy Economic hubs Case study of an economic hub UK's role in global conflict UK's media UK's food	Urban Futures How is the global pattern of urbanisation changing? World cities/megacities Why is there rapid urbanisation in LIDCs? Consequences of rapid urbanisation in LIDCs Urban trends in ACs Case study of an EDC/LIDC city Case study of an AC city	Fieldwork: Death of the High Street Designing the fieldwork Collection of data Data presentation Data interpretation Evaluation of fieldwork and methods	Changing Climate Pattern of climate change in the Quaternary Evidence of climate change Natural causes of climate change Human causes of climate change Impacts of climate change worldwide Impacts of climate change in the UK	Distinctive Landscapes What is a landscape? Upland and lowland landscapes Glaciated and periglacial landscapes Weathering Mass movement River processes River landforms Case study of a river basin Coastal processes Coastal landforms Case study of a coastal landscape	Fieldwork: Does the River Wye fit the Bradshaw Model? Designing the fieldwork Collection of data Data presentation Data interpretation Evaluation of fieldwork and methods	Interpreting and constructing transects, interpreting demographic transition model, interpreting flow line maps, interpreting proportional symbols, interpreting desire line maps, interpreting sphere of influence maps, interpreting route maps, interpreting pictograms, fieldwork skills, analytical skills.
11	Global Hazards Why do we have weather extremes? When does extreme weather become a hazard? Case studies of 2 natural weather events What processes occur at plate boundaries?	Sustaining Ecosystems Key components of an ecosystem Ecosystems around the world Tropical rainforests Case study of sustainable management of a tropical rainforest	Dynamic Development What is development and how can it be measured? What has led to uneven development? Case study of an LIDC's development over time	Resource Reliance How has increased demand for resources affected our planet? What does it mean to be food secure? Case study of attempts to achieve food security in one country.	Revision/ Geographical Exploration Preparation Command words Exam technique 12 mark questions		Interpreting rose charts, interpreting radial graphs, interpreting dispersion graphs, interpreting histograms.

	<p>How can tectonic movement be hazardous? Case study of a volcano/earthquake How does technology have the potential to save lives in hazard zones?</p>	<p>Polar environments Case study of small-scale sustainable management of a polar environment Case study of global scale sustainable management of a polar environment</p>		<p>How sustainable are strategies to achieve food security?</p>			
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