

Theme/Concept	(KS2)	Year 7	Year 8	Year 9	Year 10	Year 11	(Post-16)
Human & Physical Geography	locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America name and locate countries and cities of the United Kingdom	Places and Map Skills Human and environmental Geography Sustainability UK human Geography features Sense of place Geography basics-concept of physical and Environmental Geography Sustainability UK physical Geography features How physical Geography can create a sense of place	Weather & Climate Wind farms and sustainable energy Causes, effects and management of climate change Describing & measuring the weather Factors affecting climate: Temperature patterns and Latitude, altitude, relief rainfall, convectional rainfall Wind farms and sustainable energy	Ecosystems Human uses and impacts on ecosystems Sustainable management of ecosystems Biomes-locational, climate and adaptations of plants and animals Tropical rainforests Case study: Structure & adaptations of plants and animals Sustainable management strategies Impacts of climate change on tropical rainforests	Urban and rural processes and change in the UK Changes in retail provision across the UK Types changes and features of retail Issues with leisure in urban and rural areas across the UK Leisure use management strategy and its effectiveness	Shaping the landscape - coasts and coastal management Coastal management strategies Conflicts of interest Contemporary coastal management concepts Shoreline management plans Predicted impact of climate change on coasts The coast as a system	Hot desert systems and landscapes Ecosystems under stress
	physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle	Coasts Human impacts of the coastal erosion Sustainable management of coastal erosion Erosional, transport, weathering and depositional river processes Coastal landforms	Rivers & Flooding Human uses of drainage basins Causes, effects and management of flooding Erosional, transport, weathering and depositional river processes Drainage basin anatomy River landforms	Earthquakes & Volcanoes Primary and secondary effects of earthquakes Reducing the effect of earthquakes Earthquake response Plate tectonics Hazards Volcanoes Earthquakes Tsunamis	Urbanisation in contrasting global cities Global scale patterns of urbanisation Causes of urbanisation Variation and changes over space and time Global cities	Weather and climate Distinctive climate zones Global circulation of the atmosphere Typical and extreme weather patterns Extreme weather events Climate change - cause and effect Natural climatic cycles Acceleration in global warming Greenhouse effect Impact of climate change on coastal communities Differing international views	Water and carbon cycles Coastal systems and landscapes Glacial systems and landscapes Hazards
	human geography, including: types of settlement and land use, economic activity, and the distribution of natural resources	Settlement Types of settlement Sustainable communities Human locational factors for site Urban zones in UK cities Urban renewal Physical geography location factors for site	Population Global and UK population distribution Population growth Migration Physical factors affecting population distribution Physical push and pull factors	Development Measuring development Development issues-extreme Poverty-clean water, child soldiers, fast fashion, clean water Employment structures International trade and fair trade Environmental impacts of fast fashion and international trade	A global perspective on development issues NIC, LIC, LEDC, MNC Indicators of development Global patterns of development Trade terms Long term development aid programmes	Shaping the landscape - rivers and river management Geology Erosion and transport The hydrological cycle Processes in the fluvial system Causes and consequences of flooding Engineering to manage rivers Drainage basin management	Changing places Contemporary urban environments Population and the environment
	understand geographical similarities and differences of a region of the United Kingdom, a region in a European country, and a region within North or South America	Africa with a focus on Kenya Urbanisation in Kenya Urban zones in Nairobi Slum improvement schemes in Nairobi Africa and Kenya's physical features Kenya's climate	Tourism Impacts of tourism on UK National Parks and Kenya Management of tourism in UK national parks and Kenya Ecotourism Impacts of tourism Management of tourism in national parks Ecotourism	NICs with a focus on India India's human Geography Urban zones in NIC cities Causes, effects and management of Urbanisation in India Slum housing improvement schemes India's physical Geography and climate Environmental impacts of urbanisation	(Ecosystems)	Ecosystems Types of ecosystems Food chains and food webs Natural and human influences Biomes Biodiversity and conservation Farming methods Managing ecosystems Desertification Characteristics of deserts Climate, soil, plants and animals Plant adaptations Causes of desertification Strategies to reduce desertification Water resources and management Global distribution of water Water availability Strategies to increase water supply Sustainable water projects	Global systems and global governance Resource security
Locational & Place Knowledge		Places and Map Skills Continents and oceans Latitude and longitude Compass directions UK countries, rivers, mountains, seas, capitals Sheffield and Portsmouth-sense of place enquiry Settlement Sheffield: urban housing zones, human and physical features Locating the world's megacities Africa Overview of countries and regions Kenya: cities and physical features Nairobi: urban zones and the slum Kibera Coasts Holderness coastline from Flamborough Head to Spurn Point Mappleton village Hornsea	Weather and Climate UK regions and the physical features (e.g. mountains, seas and rivers)Global climate zones Penny Hill wind farm near Ulley Rivers Overview of the world's drainage basins River Tees and its catchment area Sheffield's-flood management case study Population Overview of sparsely and densely populated regions of the world Russia-case study for population distribution Bangladesh-case study of a country reducing its fertility rate Tourism UK National Parks Peak Districts Castleton-field trip location Kenya-impact tourism on a LIC	Ecosystems World biomes Tropical rainforests-The Amazon Rainforest Brazil Development Malawi Cambodia China Newly Industrialised Countries (NICs) Overview of the location of the world's NICs India-overview of cities and physical features Bangladesh-case study of the garment trade Earthquakes and Volcanoes	Urban and Rural Processes and Change in the UK Sheffield--zones of affluence, deprivation, multicultural, Norfolk Park, Meadowhall Upper Derwent Valley-case study of a UK place used for leisure and an ecosystem that is being managed in the UK Grindleford Bedzed-case study of a sustainable community Urbanisation in contrasting global cities London and Sydney-global city in a HIC Mumbai-Global City in a NIC A global perspective on development issues Malawi-Low Income Country Case Study India, Bangladesh and Cambodia-Case study of NICs	Coasts Holderness Coastline- Mappleton, Hornsea and Easington gas terminal Weather and Climate California-Case study of a High Pressure Weather Event Mozambique--case study of a low pressure weather event (Cyclone Idai) Climate Change Louisiana USA-case study for sea level rises Rivers River Tees-case study on the physical features River Don -case study on flood defences Ecosystems Amazon rainforest-case study for an ecosystem that is being manged Desertification Water Resources	

<p>Maps and Aerial Photography</p>	<p>use maps, atlases, globes and digital/computer mapping</p> <p>use the eight points of a compass, four and six-figure grid references, symbols and key</p>	<p>Places and Map Skills Political and thematic maps of the world and the UK. OS maps and aerial photographs of Sheffield and Portsmouth</p> <p>Settlement OS maps and aerial photographs of settlements with different functions OS Maps and aerial photos of Sheffield</p> <p>Africa and Kenya Political and thematic maps of Africa and Kenya e.g. altitude, vegetation and climate</p> <p>Coasts OS maps and aerial photographs of the Holderness coast to show coastal landforms and human features.</p>	<p>Weather and Climate Satellite images and thematic maps used to show temperature, altitude and rainfall Political maps: UK regions for forecasting and describing weather and climatic patterns OS maps, choropleth and dot distribution maps of wind farms</p> <p>Rivers OS maps of river landforms GIS enquiry into the River Tees Thematic maps: rainfall levels and altitude</p> <p>Population Choropleth maps and dot distribution maps to study population distribution of the UK and the world Choropleth maps to show migration Aerial photographs of the UK's National Parks and their topography OS maps and aerial photographs of the village of Castleton</p>	<p>Ecosystems Thematic maps of the world's biomes Aerial photography of deforestation GIS map story of different biomes</p> <p>Development Thematic maps to show a range of development indicators (e.g. access to clean water, GDP, life expectancy etc)</p> <p>NICs and India Thematic maps to show the human and physical features across India. Thematic maps showing the urban zones in Mumbai</p> <p>Earthquakes and Volcanoes</p>	<p>Urban and Rural Process and Change in the UK Ordnance Survey Map skills Grid references, using scale, map symbols Thematic maps and aerial photographs of Sheffield's zones aerial photographs of different zones of Sheffield</p> <p>Urbanisation in contrasting global cities GIS Urbanisation enquiry</p> <p>Global Persepective on Development Issues</p>	<p>Coasts Weather and Climate Climate Change Rivers Ecosystems Desertification Water Resource Management</p>	<p>fieldwork in relation to processes in both physical and human geography</p> <p>independent Investigation</p>
<p>Fieldwork & Numeracy</p>	<p>use fieldwork to observe, measure, record and present the human and physical features</p>	<p>Places and Map Skills Investigate hypotheses into sense of place about Sheffield Likert surveys and tally charts: Bar charts: drawing and interpreting</p> <p>Settlement Investigating hypotheses around where people want to live in a city. Students use transect to look the different urban zones in Sheffield Students use bar charts to compare property values in different parts of Sheffield.</p> <p>Africa and Kenya Using transects to study the different zones in Nairobi Climate graphs</p> <p>Coasts</p>	<p>Weather and Climate Investigate hypotheses into climate Transects of the UK showing rainfall and temperature Calculating temperature range Topographical cross section across the UK Climate graphs for the UK and climatic regions Scatter graphs to show the relationship between climatic variables</p> <p>Rivers</p> <p>Population Calculating % for different ethnic groups living in Russia Line graphs: Population growth Scatter graphs and proportional bubbles</p> <p>Tourism Investigate hypotheses for the Castleton fieldwork Data collection using transects, traffic and pedestrian counts. Calculating averages and % of fieldwork data collected Bar charts: present and interpret fieldwork data</p>	<p>Ecosystems Climate graphs of the world's biomes Proportional line graph, divided bars and bar charts used to show the trends in deforestation Proportional circles to compare nutrient cycle Calculating % for nutrient flows and transfers</p> <p>Development Investigating hypotheses relating to development indicators. Calculating averages using development data. Line graphs to show trends in population and poverty Scatter graphs used to compare geographical variables (e.g. life expectancy and access to clean water).</p> <p>NICs and India Earthquakes and Volcanoes</p>	<p>Urban and Rural Process and Change in the UK Using transects to collect data from urban zones Using photographs to compare change over time in Kelham Island and Norfolk Park Population pyramid comparing rural and urban population of the UK Calculate % mean average of income data across different zones of Sheffield Identify the difference between primary and secondary data identify the difference between quantitative and qualitative data Calculate median and modal scores for bipolar scores for Kelham Island photos.</p> <p>Urbanisation in contrasting global cities Proportional arrows to show migration patterns to Mumbai from different regions in India</p> <p>A Global Persepective on Development Issues</p>	<p>Coasts Weather and Climate Drawing of climate graphs and interpreting patterns</p> <p>Climate Change Using line graphs to describe temperature changes over time</p> <p>Rivers Hydrographs Annual regime of a river Ecosystems</p> <p>Desertification Water Resources</p>	<p>understand the nature and use of different types of geographical information</p> <p>collect, analyse and interpret such information</p> <p>undertake informed and critical questioning of data sources, analytical methodologies, data reporting and presentation</p> <p>communicate and evaluate findings</p>
<p>The disciplinary practice of Geographers</p>		<p>Asking geographical questions about Kenya as a place.</p> <p>Asking geographical questions about coastal landforms.</p>	<p>Asking geographical questions about river landforms</p> <p>Asking geographical questions about UK population distribution</p>	<p>Asking geographical questions about tribes</p> <p>Asking geographical questions about India</p>	<p>(Application)</p>	<p>(Application)</p>	<p>independent Investigation</p>

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Autumn 1	Places and map skills	Weather and climate	Ecosystems	Urban and rural processes and change in the UK	Shaping the landscape- coasts and coastal management
Autumn 2	Places and map skills	Weather and climate	Ecosystems	Urban and rural processes and change in the UK	Weather and climate
Spring 1	Settlement	Rivers and flooding	Development	Urbanisation in contrasting global cities	Climate change
Spring 2	Settlement	Rivers and flooding	Development	Urbanisation in contrasting global cities	How ecosystems function and ecosystems under threat
	Africa and Kenya	Population	India and NICs		
Summer 1	Africa and Kenya	Population	India and NICs	A global perspective on development issues	Desertification and water resource management
					External Examination
Summer 2	Coasts	Tourism	Volcanoes and Earthquakes	A global perspective on development issues	External Examination
