

Stepney Green School: Humanities Faculty Curriculum Maps: Geography YEAR 8

Autumn Term 1	Autumn Term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
Approx: 7 weeks	Approx: 7 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 7 weeks
<p>Rivers</p> <ol style="list-style-type: none"> 1. Water cycle and river profile 2. Long profile of a river and the drainage basin 3. River processes 4. Erosional Landforms 5. Depositional Landforms 6. Causes of flooding 7. Impacts of flooding 8. Hard Engineering 9. Sheffield Case Study 10/11. Rivers Revision and assessment. (2) 	<p>The rise of China</p> <ol style="list-style-type: none"> 1. The physical and human features of China 2/3. Chinese traditions and way of life (2) 4. population distribution of China 5/6. The one child policy (2) 7. The costs and benefits of China's development 8. The Three Gorges Dam - key case study 9. Pollution in China 10. China as a growing global superpower 11. China revision and assessment 	<p>Restless Earth</p> <ol style="list-style-type: none"> 1. The structure of the earth 2. tectonic plates 3/4. Destructive volcanoes. (2) 4. Living with volcanoes 5. Learning from past eruptions 6. formation of an earthquake 7/8. San Francisco's next big one – learning from 2 past major earthquakes - key case study (2) 9. Coping with earthquakes in California 	<p>Restless Earth</p> <ol style="list-style-type: none"> 1. Haiti earthquake – a developing country example 2. Formation and impacts of the Boxing Day Tsunami 3. The Impossible – film 4. End of year exam revision <p>Globalisation</p> <ol style="list-style-type: none"> 6. What is globalisation and what has caused its acceleration? 7. Environmental impacts of globalisation 8. Globalisation and child labour 9. What is outsourcing and how has it benefited developing countries? 	<p>Tundra</p> <ol style="list-style-type: none"> 1. Characteristics of the Tundra. 2. Plant and animal adaptations to the Tundra 3. Biodiversity in the Tundra 5. Direct threats to the Tundra 6. Indirect threats to the Tundra 7. How people live in Tundra. 	<p>Field Study Project – My Local Area</p> <ol style="list-style-type: none"> 1. Creating an enquiry question. 2. Secondary data research 3. planning a methodology 4. Results presentation 5. Analysis and conclusion 6. Evaluation and reflection.

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				10. Westernisation and Cultural Erosion.		
				11. Globalisation revision and assessment.		
Assess:	1. Key term test mid-way 2. AP1: End of unit test	1. AP2: China end of unit	1. 8-mark question practice in lesson 4. Teacher diagnostically marked.	1. AP3: Restless Assessment	1. AP4: End of year assess including rivers, China, globalisation and restless earth.	1. Fieldwork assessment
Literacy	Tributary Source Mouth Confluence Meander Waterfall V Shape valley Flood plain Surface runoff Precipitation Percolation Infiltration Through flow Traction Attrition Hydraulic action Suspension Saltation Abrasion Solution Water shed Drainage basin Ox-bow lake	Population Population density Densely Sparsely Migration Anti-natal Pollution HEP Dam Reservoir Population Pyramid Birth rate Death rate	Crust Mantle Core Convection currents Convergent plate Divergent plate Collision plate Conservative plate Magnitude Richter scale Social Economic Environmental	Globalisation TNC Sweat shop Child labour Developing country Developed country Emerging country GDP Life expectancy Outsourcing Trade Westernisation Cultural Erosion	Tundra Biome Ecosystem Permafrost Indigenous Food chain Adaptation Nutrient cycle Climate graph Deforestation Climate change	Secondary data Primary data Methodology Analysis

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	Erosion Deposition					
Skills	- Annotating diagrams - creating and describing diagrams	- Creating population density maps - Describing population pyramids - graph skills	- Describing maps and graphs - Annotating diagrams	- Describing maps and graphs	- Creating and describing climate graphs – graph skills	- Collecting primary data - Creating a variety of graphs to present primary data - Analysing these graphs

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Approx: 7 weeks	Approx: 7 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 7 weeks
<p>Forests Under Treat (4 weeks)</p> <p>1. What are tropical rainforests like?</p> <p>2. Soil fertility and biodiversity</p> <p>3. What is the taiga like?</p> <p>4. Direct threats to tropical rainforests</p> <p>5. Indirect threats to tropical rainforests</p> <p>6. Direct threats to the taiga</p> <p>7. Taiga under pressure</p> <p>8. Protecting tropical rainforests</p> <p>9. A sustainable future for rainforests</p> <p>10. Conserving Taiga wilderness</p>	<p>Hazardous Earth</p> <p>6. Tropical storms case studies – Hurricane Katrina and Cyclone Aila.</p> <p>7. Structure of the earth and tectonic plates.</p> <p>8. Convergent plate boundaries.</p> <p>7. Structure of the earth and tectonic plates.</p> <p>8. Convergent plate boundaries.</p> <p>9. Comparing earthquakes – Haiti and Christchurch.</p> <p>Challenges of an urbanised world</p> <p>1. Global urbanisation trends</p> <p>2. Reasons for the growth and decline of cities.</p>	<p>Development Dynamics</p> <p>1. What is development and how is it measured?</p> <p>2. Global inequality in wealth.</p> <p>3. Barriers to development in Malawi – key case study (2)</p> <p>4. Describe and explain population pyramids</p> <p>5. Theories of development. (2) - Rostow’s modernisation theory - Franks dependency theory</p>	<p>Development Dynamics</p> <p>1. How has Vietnam developed? Employment sectors and the Clark Fisher Model</p> <p>2. How developed is India? Using a range of developing indicators.</p> <p>3. How FDI and economic liberalisation has increased the wealth of India.</p> <p>4. The costs and benefits of TNC’s operating in India.</p> <p>5. Regional differences of development - Bihar and Maharashtra – key case studies</p> <p>6. Bottom up projects - the biogas tank - case study</p> <p>7. Top Down project - Sardar Sarovar Dam</p>	<p>Changing Physical Landscape of the UK</p> <p>1. How the Pennines are formed and rock profiles.</p> <p>2. Physical processes in the landscape.</p> <p>3. How human activity has influenced the UK landscape</p> <p>4. How the land and sea constantly changes</p> <p>5. Geology at the coast</p> <p>6. Different types and formation of waves</p>	<p>Changing Physical Landscape of the UK</p> <p>9. Coastal flooding causes and consequences</p> <p>10. Coastal defences</p> <p>11. Sustainable coastal management</p> <p>12. River processes</p> <p>13. River features and formations</p> <p>14. Causes of river flooding</p> <p>15. Sheffield floods case study</p> <p>16. Flood management and prevention</p> <p>17. What if London floods?</p>

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	<p>11. Balancing exploitation and protection in the Taiga</p> <p>Hazardous Earth (6 weeks)</p> <p>1. Patterns of global circulation and ocean currents.</p> <p>2. Natural causes of climate change. The volcanic theory, sun spots and the orbital theory.</p> <p>3. Proxy data used as evidence for past climate change – Little Ice Age case study.</p> <p>4. Human causes of the enhanced greenhouse effect.</p> <p>5. The formation and global distribution of tropical storms.</p>	<p>3. Deindustrialisation in Glasgow.</p> <p>4. Land use models</p> <p>5. Issues caused by the growth of Mumbai and the Dharavi slums</p> <p>6. Vision Mumbai – a top down project</p> <p>7. LSS – a bottom up project</p>			<p>7. Transportation by Long Shore Drift</p> <p>8. Weathering and Mass Movement</p>	
<p>Assess:</p>	<p>1. AP1: End of unit test – Forests under threat</p>	<p>1. AP2: Hazardous earth</p>	<p>1. Challenges of an urban world – assessed 8 mark question</p>	<p>1. AP3: End of year assessment - Forests under threat - Hazardous Earth - Challenges of an urban world</p>	<p>1. Development end of Unit assessment</p>	<p>1. Coastal processes assessment</p>

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<p>Literacy</p>	<p>Biome Ecosystem Tundra Emergent trees Drip dip leaves Coniferous Permafrost Indigenous Food chain Adaptation Nutrient cycle Climate graph Deforestation Climate change Conservation RAMSAR CITES REDD National Park</p>	<p>Climate change Sunspots Tree rings Ice cores Tropical storms Eye of a storm Strom surge Global atmospheric circulation Ocean currents Crust Mantle Core Convection currents Convergent plate Divergent plate Collision plate Conservative plate Magnitude Richter scale Social Economic Environmental</p>	<p>Sustainability Development Urbanisation Counter – urbanisation Migration Natural increase Rural – urban migration Slums Squatter settlements Developed countries TNC Developing country Developed country Emerging country GDP Life expectancy Outsourcing Sanitation</p>	<p>FDI Clark Fisher Model Rostow’s Theory on development Franks Dependency theory</p>	<p>Concordant Discordant Crest Swash Backwash Cliff retreat Erosion Hydraulic action Attrition Abrasion Solution Transportation Deposition Longshore drift Spit Weathering Freeze thaw Biological weathering Chemical weathering Slumping</p>	<p>Tributary Source Mouth Confluence Meander Waterfall V Shape valley Flood plain Surface runoff Precipitation Percolation Infiltration Through flow Traction Attrition Hydraulic action Suspension Saltation Abrasion Solution Water shed Drainage basin Ox-bow lake</p>
<p>Skills</p>	<p>Creating and describing climate graphs – graph skills</p>	<p>- interpreting and creating diagrams - annotating diagrams - describing maps and graphs</p>	<p>- Comparing GDP across countries - describing maps and graphs</p>	<p>Describing graphs – Clark Fisher Model</p>	<p>- interpreting and creating diagrams - annotating diagrams - describing maps and graphs</p>	<p>- interpreting and creating diagrams - annotating diagrams - describing maps and graphs</p>

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Autumn Term 1	Autumn Term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
Approx: 7 weeks	Approx: 7 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 7 weeks
<p>Changing Physical Landscape of the UK</p> <p>1. How the Pennines are formed and rock profiles.</p> <p>2. Physical processes in the landscape.</p> <p>3. How human activity has influenced the UK landscape</p> <p>4. How the land and sea constantly changes</p> <p>5. Geology at the coast</p> <p>6. Different types and formation of waves</p> <p>7. Transportation by Long Shore Drift</p>	<p>Changing Physical Landscape of the UK</p> <p>9. Coastal flooding causes and consequences</p> <p>10. Coastal defences</p> <p>11. Sustainable coastal management</p> <p>12. River processes</p> <p>13. River features and formations</p> <p>14. Causes of river flooding</p> <p>15. Sheffield floods case study</p> <p>16. Flood management and prevention</p> <p>17. What if London floods?</p>	<p>Changing Human Landscape of the UK</p> <p>1. Population distribution of the UK.</p> <p>2. UK population pyramids.</p> <p>3. Deindustrialisation of the UK – the decline of the old economy.</p> <p>4. The rise of the new digital economy.</p> <p>5. Impacts of globalisation on the UK.</p> <p>6. How has London’s location influenced its success?</p> <p>7. London’s structure and land uses.</p>	<p>People and the biosphere</p> <p>1. What are biomes?</p> <p>2. Local factors affecting biomes</p> <p>3. Biomes as a life support system</p> <p>4. How do biomes maintain a healthy plant?</p> <p>5. Food and population theories. (Malthus Vs Boesuoup)</p> <p>Urban Fieldwork</p> <p>1. Pre-fieldwork - building an enquiry Q – qualitative and quantitative data</p> <p>2. different sampling methods</p> <p>3. Using secondary data</p>	<p>Urban Fieldwork</p> <p>5. data presentation</p> <p>6. Analysis and conclusion</p> <p>Consuming Resources</p> <p>1. Different types of resources</p> <p>2. Environmental impacts of energy use</p> <p>3. Access to energy resources</p> <p>4. Renewable and non-renewable energy</p> <p>5. Global and UK energy distribution</p>	<p>Coastal Fieldwork skills/trips/write-up</p> <p>1. Introduction to Walton on the Naze – coastal fieldwork.</p> <p>2. Coastal fieldwork methods</p> <p>3. Fieldwork methodology</p> <p>4. Results analysis and conclusion</p>

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	8. Weathering and Mass Movement		8. Migration and inequalities in London. 9. East London case study – from decline to regeneration and rebranding. (3 lessons) 10. Rural areas dependent on London. 11. Rural Challenges – Cornwall case study	4. Methodology write up	6. Increase in energy demand 7. Different attitudes to energy consumption 8. Use of energy case studies	
Assess:	1. Development dynamics EOU 2. AP1: Coastal processes exam	1. AP2 – End of unit test – physical landscape	1. Human landscape 8 mark question	1. AP3: Human Landscape EOU	1. Consuming resources assessment	1. AP4: Summer exam Mock Paper 2 (full paper)
Literacy	Concordant Discordant Crest Swash Backwash Cliff retreat Erosion Hydraulic action Attrition Abrasion Solution Transportation	Tributary Source Mouth Confluence Meander Waterfall V Shape valley Flood plain Surface runoff Precipitation Percolation Infiltration	Population Population distribution Migration Globalisation Privatisation FDI Rebranding Regeneration Deindustrialisation North-south divide	Biome Latitude Altitude qualitative and quantitative data environmental quality survey	Resources Renewable Finite Peak oil Supply and demand Non –renewables	Beach profile Bipolar analysis qualitative and quantitative data methodology

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	Deposition Longshore drift Spit Weathering Freeze thaw Biological weathering Chemical weathering Slumping	Through flow Traction Attrition Hydraulic action Suspension Saltation Abrasion Solution Water shed Drainage basin Ox-bow lake	Multiple levels of deprivation			
Skills	- interpreting and creating diagrams - annotating diagrams - describing maps and graphs	- interpreting and creating diagrams - annotating diagrams - describing maps and graphs	- describing maps and graphs - interpretation of data	- interpreting sources and diagrams - annotating diagrams - describing maps and graphs - analysing results - use of qualitative and quantitative data	- interpreting sources and diagrams	annotating diagrams - describing maps and graphs - analysing results - use of qualitative and quantitative data

GSCE Geography: Edexcel Geography B 2016

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Autumn Term 1	Autumn Term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
Approx: 7 weeks	Approx: 7 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 6 weeks	Approx: 7 weeks
<p>People and the Biosphere</p> <p>1. What are biomes?</p> <p>2. Local factors affecting biomes</p> <p>3. Biomes as a life support system</p> <p>4. How do biomes maintain a healthy planet?</p> <p>5. Food and population theories. (Malthus Vs Boesuoop)</p> <p>Consuming Energy Resources</p> <p>1. Different types of resources</p> <p>2. Environmental impacts of energy use</p> <p>3. Access to energy resources</p>	<p>Forests Under Treat</p> <p>1. What are tropical rainforests like?</p> <p>2. Soil fertility and biodiversity</p> <p>3. What is the taiga like?</p> <p>4. Direct threats to tropical rainforests</p> <p>5. Indirect threats to tropical rainforests</p> <p>6. Direct threats to the taiga</p> <p>7. Taiga under pressure</p> <p>8. Protecting tropical rainforests</p> <p>9. A sustainable future for rainforests</p> <p>10. Conserving Taiga wilderness</p>	<p>Making geographical decisions</p> <p>1. Analysis of geographical data - maps and graphs</p> <p>2. Making sustainable decisions</p> <p>3. Exam practice.</p> <p>Paper 2 Revision</p> <p>1. The UK's physical landscape.</p> <p>3. Coastal processes</p> <p>4. Coastal formations</p> <p>5. coastal management</p> <p>6. River features</p> <p>7. River formations</p> <p>8. River management</p>	<p>Paper 1 Revision</p> <p>1. Hazards – global circulation and ocean currents.</p> <p>2. Hazards – natural causes of climate change and evidence of past climate</p> <p>3. Hazards – earths structure and convection currents.</p> <p>4. Hazards – plate tectonics</p> <p>5. Hazards – earthquakes</p> <p>6. Hazards – tropical storms</p> <p>7. Development dynamics revision</p> <p>8. Development dynamics revision</p>	<p>Exam Preparation</p> <p>1. Challenges of an urban world</p> <p>2. Challenges of an urban world</p> <p>3. Challenges of an urban world</p> <p>4. UK's human landscape</p> <p>5. UK's human landscape.</p> <p>6. UK's human landscape</p> <p>7. UK's human landscape</p>	

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	<p>4. Renewable and non-renewable energy</p> <p>5. Global and UK energy distribution</p> <p>6. Increase in energy demand</p> <p>7. Different attitudes to energy consumption</p> <p>8. Use of energy case studies</p>	<p>11. Balancing exploitation and protection in the Taiga.</p> <p>Paper 1 Revision</p>		<p>9. Development dynamics revision</p>		
Assess:	<p>1. AP1: End of unit test – people and the biosphere</p>	<p>1. AP2: Full paper 1 MOCK</p>	<p>1. paper 3 12 mark question practice.</p>	<p>1. AP3: Full paper 3 mock</p>	<p>1. Paper 2 – fieldwork questions</p>	
Literacy	<p>Biome</p> <p>Deforestation</p> <p>Resources</p> <p>Consumption</p> <p>Renewable</p> <p>Finite</p> <p>Goods and services</p>	<p>Biome</p> <p>Ecosystem</p> <p>Tundra</p> <p>Emergent trees</p> <p>Drip dip leaves</p> <p>Coniferous</p> <p>Permafrost</p> <p>Indigenous</p> <p>Food chain</p> <p>Adaptation</p> <p>Nutrient cycle</p> <p>Climate graph</p> <p>Deforestation</p>	<p>Concordant</p> <p>Discordant</p> <p>Crest</p> <p>Swash</p> <p>Backwash</p> <p>Cliff retreat</p> <p>Erosion</p> <p>Hydraulic action</p> <p>Attrition</p> <p>Abrasion</p> <p>Solution</p> <p>Transportation</p> <p>Deposition</p>	<p>Climate change</p> <p>Sunspots</p> <p>Tree rings</p> <p>Ice cores</p> <p>Tropical storms</p> <p>Eye of a storm</p> <p>Strom surge</p> <p>Global atmospheric circulation</p> <p>Ocean currents</p> <p>Crust</p> <p>Mantle</p> <p>Core</p>	<p>FDI</p> <p>Clark Fisher Model</p> <p>Rostow’s Theory on development</p> <p>Franks Dependency theory</p>	

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		Climate change Conservation RAMSAR CITES REDD National Park	Longshore drift Spit Weathering Freeze thaw Biological weathering Chemical weathering Slumping	Convection currents Convergent plate Divergent plate Collision plate Conservative plate Magnitude Richter scale Social Economic Environmental		
Skills	- Interpretation sources - describing graphs	- Interpretation sources - describing climate graphs - creating and describing food chains	- Interpretation sources - interpreting and creating diagrams - annotating diagrams	- interpreting and creating diagrams - annotating diagrams	- describing graphs	

GSCE Geography: Edexcel Geography B 2016