

# Year 7

# Subject: Geography

<p><b>Overview of the year:</b> Students begin the year studying the physical and human geography of the UK, incorporating many geographical skills that future topics rely on. The students go on to deepening their understanding of geology by exploring the geosphere and tectonic activity. The course then focuses on weather and climate, with a focus on global climate patterns. The students undertake a microclimate investigation. Their understanding of climate is developed later in the year when looking at extreme environments. Different case studies will be chosen from the UK and around the world to develop global knowledge. Through the course students will be given the opportunity to develop enquiry skills.</p>	<p><b>Ways to consolidate and extend your learning in Geography:</b> A wider knowledge and understanding of the world will benefit students greatly in their study of Geography. Reading a newspaper, watching the news and occasionally watching nature programmes will help them do this. Students really enjoy having a world map on the wall and a simple children's atlas at home. Additionally, a trip to the Natural History museum would enhance student's appreciation of the subject.</p>
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Half term	Unit title	Content	Skills	Assessment
1	The UK	The physical and human geography of the UK. Looking at patterns from geology to population distribution.	OS map skills including grid references, symbols, scale and direction. Geological maps. Use of historical and contemporary maps.	<ol style="list-style-type: none"> <li>1. Grid references (SA)</li> <li>2. Explain two ways that rock type has influenced the UK landscape. (TA)</li> <li>3. Assess the significance of physical factors in explaining population distribution in the UK. (PA)</li> </ol>
2	Tectonic Activity	Understanding the geosphere. Volcanoes as the starting point for the rock cycle. Impact of volcanoes on people.	Cross-section diagrams. Maps of tectonic activity.	<ol style="list-style-type: none"> <li>1. Plate boundary types (PA)</li> <li>2. Assess the benefits of volcanic activity. (TA)</li> </ol>
3	UK weather and climate.	Identify and explain the key aspects of our weather and climate. Initial focus on the role of the sun and patterns of precipitation.	Climate graphs. Range of UK maps.	<ol style="list-style-type: none"> <li>1. Weather mapping skills. (SA)</li> <li>2. Explanation of role of the sun and latitude in climate. (TA)</li> <li>3. Microclimate report (SA) Fieldwork evaluation (TA)</li> </ol>
4	London	Looking at the site, situation and function of a developed world city.	Maps Change over time – line graphs.	<ol style="list-style-type: none"> <li>1. Assess key site factors for London (PA)</li> <li>2. Explain impacts of urban growth. (TA)</li> </ol>
5	Extreme environments	Understanding the global pattern of deserts and ecosystem characteristics.	Latitude. Global ecosystem maps.	<ol style="list-style-type: none"> <li>1. Climate graphs &amp; mapping (SA)</li> <li>2. Australia desert formation. (TA)</li> <li>3. Flora and fauna adaptations. (PA)</li> </ol>
6	Water and Rivers	Introduction to hydrology and study of flooding.	OS map skills. Relief maps.	<ol style="list-style-type: none"> <li>1. OS map skills (SA)</li> <li>2. Explanation of erosional landforms (TA)</li> </ol>

# Year 8

# Subject: Geography

<p><b>Overview of the year:</b>                  Students begin the year studying the tropical rainforest and ecosystem theory. Following this we look at climate change on a geological timescale (from the last ice age to the present day) and glaciation. In the Spring Term we examine the issue of global development, specifically the link between trade and development around the world. This leads us into a study of globalisation where we look in detail at the industrialisation of China. In the summer term coasts are studied with a specific focus on the UK coastline.</p>	<p><b>Ways to consolidate and extend your learning in Geography:</b>                  A wider knowledge and understanding of the world will benefit students greatly in their study of Geography. Reading a newspaper, watching the news and occasionally watching nature programmes will help them do this. Students really enjoy having a world map on the wall and a simple children's atlas at home. Additionally, a trip to the Natural History museum would enhance student's appreciation of the subject.</p>
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1	The rainforests and the human impact on them.	Study of climate, structure, biodiversity. Analysis of human activity in the ecosystem and change.	Global mapping and recap of latitude. Climate graph interpretation. Use of statistics. Satellite images	<ol style="list-style-type: none"> <li>1. Ecosystem distribution(SA)</li> <li>2. Adaptation Assess question (PA)</li> <li>3. Assess the contribution of large scale commercial farming to rainforest deforestation. (TA)</li> </ol>
2	Climate change and glaciation.	A study of geological scale climate change (11 000 years) and the processes of glaciation.	Use of climate data through line graphs. Global mapping of glaciation. OS maps of UK landscapes impacted by glaciers.	<ol style="list-style-type: none"> <li>1. Global distribution of ice. (PA)</li> <li>2. Natural causes of climate change (TA)</li> <li>3. Glaciated scenery OS map skills. (SA)</li> <li>4. Assess the impacts of climate change. (TA)</li> </ol>
3	Development and trade.	Students examine global inequalities and patterns of development. A study of the chocolate trade.	Statistical data showing change through time. Use of scatter graphs to examine correlation.	<ol style="list-style-type: none"> <li>1. Development data interpretation. (SA)</li> <li>2. Commodity price fluctuation graph(PA)</li> <li>3. Sustainability assess question(TA)</li> </ol>
4	Globalisation and secondary industry.	A study of manufacturing with specific focus on China.	Trade flow maps.	<ol style="list-style-type: none"> <li>1. Global distribution of switched on or off places (PA).</li> <li>2. Assessing the benefits of globalisation for China question (TA).</li> </ol>
5	Coasts.	Coastal landforms and processes with focus on the UK.	Atlas skills and mapping.	<ol style="list-style-type: none"> <li>1. Benefits of coastlines (PA).</li> <li>2. UK Coastal settlements (SA)</li> <li>3. Coastal erosion and landform. (TA)</li> </ol>

# Year 9

# Subject: Geography

<p><b>Overview of the year:</b> Students begin the year studying three human topics; Population, Migration and Development. These topics are designed to develop key map and graph skills ready for GCSE and to give students a sound understanding of countries at different stages of development. In the Spring Term we study a unit on natural hazards, both tectonic and climatic. Finally in the Summer Term we study a unit on megacities and the geography of conflict.</p>	<p><b>Ways to consolidate and extend your learning in Geography:</b> A wider knowledge and understanding of the world will benefit students greatly in their study of Geography. Reading a newspaper, watching the news and occasionally watching nature programmes will help them do this. Students really enjoy having a world map on the wall and a simple children's atlas at home. Additionally, a trip to the Natural History museum would enhance student's appreciation of the subject.</p>
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Half term	Title	Content	Skills	Assessment
1	Population Change	Study of global population growth and the reasons for it.	Global distribution maps. Line graphs Population pyramids	<ol style="list-style-type: none"> <li>1. Graph interpretation (TA)</li> <li>2. Population distribution description and explanation (PA)</li> <li>3. Evaluate the successes of the one child policy. (TA)</li> </ol>
2	Migration	An investigation into the issue of global migration with a focus on key European and Middle East movement.	Flow maps Population change calculation.	<ol style="list-style-type: none"> <li>1. Data interpretation exercise (SA)</li> <li>2. Impact of migration (PA)</li> <li>3. Assess the significance of economic migration. (TA)</li> </ol>
3	Global Development	Students study a range of development issues and assess progress towards the Millennium Development Goals.	Statistical data showing change through time. Use of scatter graphs to examine correlation.	<ol style="list-style-type: none"> <li>1. Rise of China questions. (SA)</li> <li>2. Assess the view that underdevelopment in the DRC is caused by historical factors. (TA)</li> </ol>
4	Natural hazards	A study of how natural events can impact on people with focus on atmospheric and tectonic hazards.	Diagrams showing physical processes. Developing case study writing.	<ol style="list-style-type: none"> <li>1. Distribution of tropical storms (SA)</li> <li>2. Assess the significance of development in explaining the impact of contrasting tropical storms. (TA)</li> </ol>
5	Megacities	The growth of world cities, including examples from India and China.	Atlas skills and mapping.	<ol style="list-style-type: none"> <li>1. Changing locations of megacities. (SA)</li> <li>2. Impact of urban growth (PA)</li> <li>3. Evaluation of solutions, top down vs bottom up development. (TA)</li> </ol>
6	Conflict	The geography of different contested areas.	Atlas skills	Depending on current example at the time.

## **HIGHGATE WOOD SCHOOL: CURRICULUM MAP FOR KEY STAGE 3**