



## Curriculum Overview: Geography



## Year 7 Learning journey

Autumn Term

Introduction

Physical and human characteristics.

UK, Europe and the wider world mapping.

### Amazing maps and plentiful people

Population distribution, Direction, 6 figure grid references, scale, topographical mapping (relief), OS maps. Globes, atlases, aerial and satellite photographs. Thematic mapping, and Geographical information systems (GIS). Comparison of human and physical features within an area Africa and Asia.

### Weather and climate

Climate change from Ice Age to the present, climate graphs, measuring the weather, tropical storms, wildfires, drought, typhoon Haiyan. (Includes thematic mapping)

Spring Term

Weather and climate part 2

### The Middle East

Population, mega cities, climate. tourism, biomes, extreme environments, opportunities, and challenges.

Case studies: Dubai

### Raging rivers

River processes, meanders, waterfalls, flooding, flooding comparison. GIS, Gap minder (thematic mapping).

Summer Term

Raging river's part 2

### Environmental concerns

Natural resources, climate change, pollution, plastic, recycling, sustainability, global warming.

Fieldwork: Birmingham fieldwork. GIS. Deindustrialisation enrichment day.

Useful information / websites

1. <http://www.ordnancesurvey.co.uk/mapzone/>
2. <https://www.google.com/maps>
3. <https://earth.google.com/web/>
4. <https://www.bbc.co.uk/bitesize/subjects/zrw76sg>
5. <https://www.metoffice.gov.uk/>
6. <https://flood-warning-information.service.gov.uk/warnings>



Year 8 Learning journey	Spring	Summer	Websites
Autumn			
<p><b>Extreme environments</b></p> <p>Ecosystems Glaciers, hot and cold deserts, rainforests, biodiversity, adaptations and soil.</p> <p>Case studies: Cold deserts: Antarctica Hot deserts-Sahara or Dubai. (Includes thematic mapping)</p> <p><b>Restless Earth</b> Geological timescales, plate tectonics, rocks, earthquakes, tsunamis and volcanoes (Includes thematic mapping) Case studies: Japan tsunami. Haiti earthquake.</p>	<p>Restless Earth part 2</p> <p><b>Amazing Asia</b>, China development Geographical location, population, physical features, biomes. Activity in the primary, secondary, tertiary and quaternary sector. Urbanisation, quality of life, standard of living, development indicators, HIC and LIC's, poverty, squatter settlements, Fair trade and aid. Case studies: China</p> <p><b>Cracking Coasts</b> Soil, rocks, weathering and erosion, sea level change, erosion, deposition, coastal landform, hard and soft engineering. (Map skills, satellite images, OS maps)</p>	<p>Coasts part 2</p> <p><b>Resource Management</b> Use of natural resources, water security, food, Energy, renewable and non-renewable. Environmental issues. Case studies: Russia and the Middle East.</p> <p>Fieldwork: Zoo, ecosystems and adaptations.</p>	<p>1.<a href="http://www.ordnancesurvey.co.uk/mapzone/">http://www.ordnancesurvey.co.uk/mapzone/</a></p> <p>2.<a href="https://www.google.com/maps">https://www.google.com/maps</a></p> <p>3.<a href="https://earth.google.com/web/">https://earth.google.com/web/</a></p> <p>4.<a href="https://www.bbc.co.uk/bitesize/subjects/zrw76sg">https://www.bbc.co.uk/bitesize/subjects/zrw76sg</a></p> <p>5.<a href="https://www.metoffice.gov.uk/">https://www.metoffice.gov.uk/</a></p>



# ASTON MANOR ACADEMY



Exam specification: AQA

Year 9	<p><b>Autumn</b></p> <p><b>Geographical Skills unit</b></p> <p><b>The challenge of natural hazards</b> Natural hazards Tectonic hazards</p>	<p><b>Spring</b></p> <p>Weather hazards Climate change</p> <p><b>Urban issues and challenges</b> The urban world Rio</p>	<p><b>Summer</b></p> <p>Urban change in the UK Bristol and Birmingham</p> <p>Sustainable urban development</p>	<p>1. <a href="https://www.gapminder.org/">https://www.gapminder.org/</a></p> <p>2. <a href="https://databank.worldbank.org/source/world-development-indicators">https://databank.worldbank.org/source/world-development-indicators</a></p> <p>3. <a href="https://www.cia.gov/library/publications/the-world-factbook/index.html">https://www.cia.gov/library/publications/the-world-factbook/index.html</a></p> <p>4. <a href="https://www.metoffice.gov.uk/">https://www.metoffice.gov.uk/</a></p> <p>5. <a href="https://www.bbc.co.uk/bitesize/exam-specs/zy3ptyc">https://www.bbc.co.uk/bitesize/exam-specs/zy3ptyc</a></p>
Year 10	<p><b>Exam specification: AQA</b></p> <p><b>Physical landscapes in the UK</b> Coastal landscapes River landscapes <del>Do not study glacial landscapes as it is optional</del></p> <p><b>The changing economic world</b> The development gap</p>	<p>Nigeria: a Newly-Emerging Economy (NEE) The changing UK economy</p>	<p><b>Fieldwork:</b> River study or regeneration in Birmingham.</p>	<p>6. <a href="https://www.senecalearning.com/blog/gcse-geography-revision/">https://www.senecalearning.com/blog/gcse-geography-revision/</a></p> <p>7. <a href="http://www.coolgeography.co.uk/gcse/revision_zone.php">http://www.coolgeography.co.uk/gcse/revision_zone.php</a></p> <p>8. <a href="https://www.rgs.org/geography/">https://www.rgs.org/geography/</a></p> <p>9. <a href="https://www.ted.com/search?cat=videoes&amp;q=Geography">https://www.ted.com/search?cat=videoes&amp;q=Geography</a></p>
Year 11	Exam specification: AQA			



## Ecosystems

Tropical rainforests

Hot deserts

~~Do not study cold environments as it is optional~~

**Fieldwork:** River study or regeneration in Birmingham.

## Resource management

Provision of food, water and energy in the UK.

Energy management

~~Do not study food management and water management as it is optional~~

### Unit 3 Geographical applications and skills:

Fieldwork, issue evaluation (DME) and geographical skills.  
-Cartographic skills  
-Graphical skills  
-Statistical skills

## Revision

9. <https://www.gcsepod.com>