

Geography KS3 Curriculum Map

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Year 7</p> <p>Passport to Geography: Geography forms part of the statutory primary national curriculum but the quantity and quality taught can vary enormously so we begin by establishing a grounding for our Y7 students. Pupils begin the year with an introduction to Geography that allows them to see what the subject is and how it is related to Science and other subjects.</p> <p>Map skills are taught to allow students to access the visual data of place that a large chunk of the KS3 course is comprised off.</p>	<p>Passport to Geography</p> <ul style="list-style-type: none"> Knowledge Content: What is Geography? What are the 3 pillars? How do they interrelate? How do you read a map? Threshold Concepts: What are the 3 pillars of Geography? Basic map skills. Link to Prior Learning: Leads on from KS2 curriculum to (1) use world maps, atlases and globes to identify the United Kingdom and its countries, (2) use simple compass directions (North, South, East and West) and (3) locational and directional language <p>Enquiry Question: Can I describe my area using a map?</p>	<p>Tectonics</p> <ul style="list-style-type: none"> Knowledge Content: Structure of the earth, Tectonic plates and continental drift, Volcanoes, Features of an earthquake, Case study: Sichuan Threshold Concepts: Plate margins, layers of the earth, primary & secondary impacts of EQ Link to Prior Learning: Leads on from KS2 curriculum to (1) human geography, including: types of settlement and (2) economic activity and the distribution of natural features. <p>Enquiry Question: How impactful was the Sichuan EQ on the people of China?</p>	<p>Weather and Climate</p> <ul style="list-style-type: none"> Knowledge Content: Measuring weather, Presenting weather data The causes of types of rain, Air pressure Climate zones across the globe Threshold Concepts: What is weather? Types of rain. What is climate? Link to Prior Learning: Topic 1 on what is Geography. Builds on previous learning from Maths on graphing as well to incorporate analysis and extrapolation of graphs. <p>Enquiry Question: Why is the UK's weather so rainy?</p>	<p>Climate Change</p> <ul style="list-style-type: none"> Knowledge Content: Evidence for climate change, Causes of climate change, Strategies against climate change Threshold Concepts: What is climate change? My carbon footprint The impacts of climate change Link to Prior Learning: This topic is an exploration of the knock on effects of human actions on physical systems. It ties Autumn 1 to Spring 1. <p>Enquiry Question: Why did the ice age end?</p>	<p>Population</p> <ul style="list-style-type: none"> Knowledge Content: Global population distribution, Birth rates, death rates and natural increase, Why do BRs and DRs differ place to place? Population pyramids Threshold Concepts: Global population growth Population in the UK Population indicators Link to Prior Learning: KS2 curriculum on the distribution of natural resources including food, minerals and water as well as maths (statistics) <p>Enquiry Question: Why does London have so many more people than Manchester?</p>	<p>Urbanisation</p> <ul style="list-style-type: none"> Knowledge Content: Human settlement Urbanisation Urbanisation challenges Threshold Concepts: Types of settlement Push and pull factors Case study Link to Prior Learning: KS2 curriculum on types of settlement and land use, economic activity <p>Enquiry Question: Why is London so much bigger than Manchester?</p>
Curriculum Skills						
<p>Year 8</p> <p>Year 8 develops our student's Geographic knowledge and skills by looking principally at the main geopolitical mechanisms of development, the economy and energy. This is a purposefully mature and deep curriculum for Y8s to get them to engage with their status as UK and global citizens.</p> <p>It also looks at physical topics to help students understand the relationship between the earth's physical processes and the impact on human settlement and economic activity.</p>	<p>Rivers</p> <ul style="list-style-type: none"> Knowledge Content: River processes, Long and cross profile, How a waterfall forms, How a meander forms, Rivers on maps Threshold Concepts: The water cycle River features Link to Prior Learning: Diagramming of physical processes from Autumn 2 in Y7. <p>Enquiry Question: Why does the River Thames curve so much in London?</p>	<p>The UK Economy</p> <ul style="list-style-type: none"> Knowledge Content: UK industry UK employment structure Case study: Doncaster Case study: East London North-south divide? Threshold Concepts: What is 'the economy'? Regeneration Link to Prior Learning: This has strong links to summer term of Y7. It expands on population and settlement to look at the role industry and economic activity played in the changes to the formers. <p>Enquiry Question: Why am I more likely to be a millionaire if I stay in London?</p>	<p>Coasts</p> <ul style="list-style-type: none"> Knowledge Content: Types of Waves Longshore drift Coastal geology Cave-arch-stack-stump Coasts on maps Coastal management Threshold Concepts: Coastal landforms How do waves form? Rock types Link to Prior Learning: Leading on from Rivers in Autumn 1. We look at physical processes and how they interact with human settlement (Y7 Summer 1) <p>Enquiry Question: How can an entire town fall into the sea?</p>	<p>Economic Development</p> <ul style="list-style-type: none"> Knowledge Content: Measuring development Mapping life expectancy HICs, NEEs and LICs LIC case study: Malawi HIC case study: Singapore Causes of uneven development Threshold Concepts: What is development? What are HICs, NEEs and LICs? Link to Prior Learning: This links to the previous unit on UK economy but expands it to a global outlook. It incorporates very similar principles. <p>Enquiry Question: Why is Malawi so poor and Singapore so rich?</p>	<p>Energy</p> <ul style="list-style-type: none"> Knowledge Content: The importance of natural resources Supply vs. demand Oil: what's the problem? Solar energy's development potential Threshold Concepts: Energy types and sources Link to Prior Learning: Y7 Climate Change Y8 Economic Development <p>Enquiry Question: Why would someone go to war for oil?</p>	<p>GIS and Fieldwork</p> <ul style="list-style-type: none"> Knowledge Content: Uses of GIS Establishing a fieldwork enquiry Methods Conducting the fieldwork Presenting the results Conclusion and evaluation Threshold Concepts: Simple uses of GIS Basic fieldwork techniques Link to Prior Learning: Map skills from Y7 are integrated deeply here. Settlement from Y7 features consistently. <p>Enquiry Question: Why are the houses in South Croydon so much bigger than the houses in East Croydon?</p>

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<p>Year 9</p> <p>Year 9 is where the KS3 curriculum evolves and matures into a practical and case study based application of knowledge and skills. It is less theoretical and more applied. This will manifest in more detailed, complex and longer answers to questions.</p> <p>It also turns one eye toward the format of the GCSE and particularly fieldwork and the Decision Making Exercises that compromise a sizeable chunk of the GCSE marks but are grounded in practice, not theory.</p>	<p>The challenge of natural hazards (Tectonic hazards)</p> <ul style="list-style-type: none"> Knowledge Content: Plate tectonics theory and distribution Physical processes Named examples: effects Named examples: responses Why live with hazard risk? Management of tectonic hazards Threshold Concepts: What is a natural hazard? Primary & secondary impacts Link to Prior Learning: Y7 Tectonics, Y8 Econ. Dev. <p>Enquiry Question: How can Japan have an earthquake 1,000 bigger and a death toll 100 times smaller?</p>	<p>The challenge of natural hazards (Weather hazards)</p> <ul style="list-style-type: none"> Knowledge Content: Tropical storm distribution Causes and features of tropical storms Impact of climate change on tropical storms Management of tropical storms UK weather hazards Threshold Concepts: Global circulation Typhoon Haiyan: effects Typhoon Haiyan: responses Link to Prior Learning: Y7 Weather, Y8 Coasts & Econ. Dev. <p>Enquiry Question: Could New Orleans turn into the next Atlantis?</p>	<p>The challenge of natural hazards (Climate change)</p> <ul style="list-style-type: none"> Knowledge Content: Natural causes of climate change Mitigating climate change Adapting to climate change Threshold Concepts: Evidence for climate change Somerset floods 2014 Human causes of climate change Link to Prior Learning: Y7 Weather & Climate Change, Y8 Coasts, Rivers & Econ. Dev. <p>Enquiry Question: Is Croydon more likely to flood now than 50 years ago?</p>	<p>Urban issues and challenges (Global urban change)</p> <ul style="list-style-type: none"> Knowledge Content: Factors affecting urbanisation Major city in a NEE – Rio (Case Study) Threshold Concepts: Urban change Link to Prior Learning: Y7 Population & Urbanisation, Y8 Econ Dev. <p>Enquiry Question: Can London keep growing without bursting?</p>	<p>"Urban issues and challenges (UK urban change)"</p> <ul style="list-style-type: none"> Knowledge Content: Urban planning Case study: major UK city Urban regeneration project Threshold Concepts: The layers of a city Structure of urban layers Economic Activity in each layer Link to Prior Learning: Y7 Population & Urbanisation, Y8 Econ Dev. & UK Economy <p>Enquiry Question: Can Croydon keep growing without all the parks disappearing?</p>	<p>DME linking natural hazards + urban issues and challenges</p> <ul style="list-style-type: none"> Knowledge Content: Sustainable urban living Urban transport strategies How to analyse multiple resources How to write an argument using evidence. DME planning DME writing Threshold Concepts: Writing an argument Analysing graphs Using quotes to make your argument. Link to Prior Learning: Y7 Population & Urbanisation, Y8 Econ Dev. & UK Economy <p>Enquiry Question: Is Croydon becoming a clone town?</p>
Curriculum Skills						