

**Key Stage 4 Year 10
Curriculum**

Course title: Geography B GCSE

Exam board: Edexcel

Specification code: 1GB0

Autumn 1 (September- October)	<p>India This topic follows on from the previous topic ‘Development dynamics’ and focuses on how India has developed and the importance of its site, situation, colonial ties to the UK in helping the country to develop. India has been chosen because students will study a topic called ‘Challenges of an urbanising world’ later in the year where they will be required to study a city in an emerging country. Mumbai is chosen as it allows students to revisit India and draw upon their existing knowledge to understand the role Mumbai has played in the country’s rapid economic growth. Students explore the differences in levels of development between the core and peripheral regions and how development has affected the country in both a positive way and negative way. India’s role on the international stage is also explored and evaluated.</p>
Autumn 2 (October- December)	<p>Tectonics Students investigate why the causes and impacts of tectonic activity and management of tectonic hazards vary with location. Students will build upon their prior knowledge from studying this topic in their middle/first schools and in their science lessons and will be introduced to far greater technical detail relating to the science and structure of the earth. They will learn to describe the earth’s internal layers (including asthenosphere) and their properties e.g. temperature, density, composition and physical state.</p>
Spring 1 (January to February)	<p>Challenges of an Urbanising world Students will build upon their prior knowledge of urbanisation and understand in far greater depth why cities expand in the way they do and what processes cause this. For example, along railway lines and rivers. Land use models are introduced to help explain how cities have grown. Megacities are studied and the processes which cause these cities to have populations over 10 million.</p>
Spring 2 (February to March)	<p>Mumbai The city of Mumbai is studied in detail and students will explore the site, situation and function of this major city in the state of Maharashtra. They will explore the specific reasons behind its rapid growth, the dominant sectors in its economy and the specific challenges experienced by the people of Mumbai. Top down and bottom-up strategies are studied, and students will use the command words ‘assess’ and ‘evaluate’ to explore the effectiveness of these in tackling the many challenges a city of this size faces.</p>

<p>Summer 1 (April to May)</p>	<p>UK Physical Landscapes This topic fits into the Paper 2 – UK Geographical Issues exam. In this physical geography topic, students will have the opportunity to develop their knowledge of the three major rock types to understand how they have shaped the UK’s physical landscape. They will learn about the distinctive uplands of northern Scotland and the lowlands of southeast England which are divided by the Tees-Exe line.</p> <p>Students will go on to learn investigate the role of glaciation, tectonic activity and humans in shaping the landscape before moving on to study a variety of UK landscapes and features such as Chalk and Clay landscapes, Limestone scenery and the Granite tors of Dartmoor.</p>
<p>Summer 2 (May-July)</p>	<p>Rivers and Rivers fieldwork Students will draw upon their knowledge and understanding of rivers and extend this by going into greater depth as to how and why the river and its valley change with distance downstream. The aim of this topic is to be able to use far more technical vocabulary (buzzwords) e.g. Instead of simply using the word erode, students will refer to the specific processes e.g. hydraulic action, abrasion etc. They will be able to explain the formation of waterfalls, meanders, oxbow lakes and deltas, to name a few.</p> <p>In addition to studying the cause and effects and the methods of managing floods, students will use the command word ‘assess’ to make a judgement about which are the greatest impacts or the most successful/unsuccessful responses.</p>
<p>Summer 2 (cont) (July)</p>	<p>The UK’s evolving Human landscape This unit studies the processes of change in UK cities and global factors such as globalisation which have affected them. It explores why population, economic activity and settlements are key elements of the human landscape. Students explore the impact of globalisation, trade, investment and migration on UK cities. Students will also study the interdependence between the city and surrounding rural areas.</p>

Key Stage 4 (11)	
Course title: GCSE Geography B	
Exam board: Edexcel	
Specification code: 1GB0	
Autumn 1 (September- October)	<p>Urban fieldwork in Newcastle.</p> <p>Students will investigate whether quality of life is better in Jesmond than Benwell. They will prepare in advance of the trip by understanding what makes a good enquiry question and what data needs to be collected and why. The fieldwork will involve conducting questionnaires, environmental quality surveys, pedestrian and traffic counts. Back in the classroom, students will present and analyse their data primary and secondary data before evaluating the strengths and weaknesses of their investigation.</p> <p>Revision for Mocks – students will undergo a period of revision for the paper 2 exam.</p>
Autumn 2 (October- December)	<p>Tectonics</p> <p>Students investigate why the causes and impacts of tectonic activity and the management of these hazards vary with location. They will build upon their prior knowledge from studying this topic in their middle/first schools and in their science lessons and will be introduced to far greater technical detail relating to the composition and science and structure of the earth. They will learn to describe the earth's internal layers (including asthenosphere) and their properties e.g. temperature, density, composition and physical state.</p>
Spring 1 (January- February)	<p>The following three topics are examined within Component 3 paper – Making geographical Decisions paper</p> <p>People and the biosphere.</p> <p>Students will explore the 7 major biomes and what makes them different from one another in terms of their biotic and abiotic factors.</p> <p>They will learn about physical and human interactions in the living world and the many ways we rely on the biosphere for goods and essential services.</p>

<p>Spring 2 (February- April)</p>	<p>Consuming Energy These two topics fall into the Component 3 paper – Making geographical Decisions. Students explore big issues such as whether we can cope with the rising demand for oil and how oil supplies and prices are affected by geopolitics. They investigate why we are exploiting environmentally sensitive and isolated areas and how attitudes to energy and environmental issues are changing.</p> <p>Forests under threat Students build on upon the ‘People and the biosphere’ topic and explore the human and physical processes in operation and the interactions which occur between the two. They will learn why biodiversity is so high in the rainforest biome and why it is far less in the Taiga biome.</p> <p>Global atmospheric circulation Students will learn how the atmosphere operates as a global system which transfers heat around the Earth through ocean currents and air circulation cells. They will describe and explain how the atmospheric circulation determines the location of arid (high pressure) and high rainfall (low pressure) areas. This topic will provide opportunities to review the tropical cyclones topic as the core knowledge is transferrable.</p>
<p>Spring 2 - (April – June)</p>	<p>Final revision period before the GCSE Summer exams.</p>