

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>

