

Year 9

Unit	<u>Ecosystems</u> (7 weeks)	<u>Tectonic Hazards</u> (7 weeks)	<u>Superpowers</u> (6 weeks)	<u>Urban Issues and Challenges</u> (6 weeks)	<u>Tourism</u> <u>Issue Evaluation</u> (6 weeks)	<u>The Power of Trees</u> (7 weeks) Fieldwork
<u>Knowledge</u>	<p>The characteristics of different ecosystems.</p> <p>What food chains are and how they differ.</p> <p>Where biomes are located and why.</p> <p><u>Rainforests (Amazon Rainforest)</u></p> <p>Location recap—features / structure.</p> <p>Plant Adaptations</p> <p>Deforestation—causes and effects and management</p> <p>The threats to local people and biodiversity.</p> <p><u>Hot environments</u></p> <p>Adaptations, features and location of this biome</p> <p>Challenges faced and the opportunities for development in this biome.</p>	<p>What hazards are.</p> <p>The structure of the Earth and plate margins.</p> <p>What plate boundaries are and how they affect hazards.</p> <p>The distinctive features of volcanoes.</p> <p>Case study of a volcanic eruption</p> <p>The benefits and challenges faced living in a hazard zone</p> <p>What are earthquakes and how they form</p> <p>A detailed case study of a chosen hazard (tsunami).</p> <p>Management of hazards (3Ps)</p>	<p>What/who are superpowers and how do they influence our life.</p> <p>- How does the USA affect the rest of the world?</p> <p>- Impact of superpower status on migration: Mexico—USA migration.</p> <p>- China: an emerging superpower</p> <p>- China’s investment in Africa</p> <p>- Middle East growth and influence on the world, including oil</p> <p>- How power is being extended through space exploration, including India’s space programme</p> <p>- Superpowers and conflict</p>	<p>What urbanisation & rural-urban migration is.</p> <p>What are megacities and where are they.</p> <p><u>Mumbai</u></p> <p>- Location and importance</p> <p>- Opportunities in Mumbai</p> <p>- Challenges to living in Mumbai</p> <p>- Solutions to social and economic challenges in Mumbai (design slum presentation)</p>	<p>The location of tourist areas around the world.</p> <p>Why tourism is important in the UK and Yorkshire.</p> <p>What mass tourism is and the benefits and costs.</p> <p>What ecotourism is and the benefits and costs.</p> <p><u>Decision Making</u></p> <p>Making the correct decision for developing tourism in St Lucia.</p> <p>National Parks within the UK—where are they and the challenges they face</p>	<p>The different types of trees which exist.</p> <p>Where different trees are located.</p> <p>How trees can solve flooding.</p> <p>How trees can solve global warming.</p> <p>How trees can solve urban problems.</p> <p>How trees can solve poverty.</p>
<u>Skills</u>	<p>Location maps</p> <p>Process comprehension—latitude, altitude and impact on ecosystems</p> <p>Links to sustainability</p> <p>Developing comparative skills</p> <p>Analysing pictures and videos</p>	<p>Problem solving</p> <p>OS / topographic and choropleth maps</p> <p>Data analysis—crop prices / maths CC links.</p> <p>Comparative skills</p> <p>Developing explanation</p>	<p>Developing explanation through chains of reasoning</p> <p>Identifying countries on maps</p> <p>Developing reading techniques</p> <p>Analysing maps, graphs, pictures and videos</p>	<p>Analysing maps and sources</p> <p>Comparisons</p> <p>Analysing key sources.</p> <p>Developing skills in explanation, using chains of reasoning.</p> <p>Problem solving</p> <p>Collaborative work</p>	<p>Decision making</p> <p>Analysing a variety of data sources</p> <p>Analysis of information</p> <p>Problem solving</p> <p>Evaluation</p> <p>Developing reading techniques</p> <p>Developing skills in explanation, using chains of reasoning.</p> <p>Identifying regions on a map</p>	<p>Collaborative work</p> <p>Developing explanation, using chains of reasoning.</p> <p>Developing the use of human and physical keywords.</p> <p>Analysing key sources.</p> <p>Developing decision making.</p>