

## Fairfield High School Curriculum Overview – Year 11

Subject	Geography	Why do we study these units in Year 11?
Lessons per fortnight	6	<p><u>Term 1/2 - The Living World (AQA 8035)</u>. Paper 1 is concerned with the dynamic nature of physical processes and systems, and human interaction with them in a variety of places and at a range of scales.</p> <p>The aims of this unit are to develop an understanding of the biological processes and features in different biomes, and the need for management strategies governed by sustainability and consideration of the direct and indirect effects of human interaction with the natural environment. AQA prescribe content on ecosystem dynamics and Tropical Rainforest biome. For the optional second biome we have chosen Hot Deserts as we feel it is closer to the lived experience/heritage of many of our diverse student body and therefore some students are more likely to have direct, first-hand experience of the characteristics of this biome than cold environments.</p> <p><u>Term 2/3 – The Challenge of Resource Management (AQA 8035)</u> Paper 2 is concerned with human processes, systems and outcomes and how these change both spatially and temporally.</p> <p>The aims of this unit are to develop an understanding of the need for sustainable resource management and the areas of current and future challenge and opportunity for these environments. AQA prescribe overviews of issues around resource security for food, water &amp; energy. In addition, centres must choose a deep focus on one of those 3 areas to explore resource insecurity in terms of a cause-effect-management approach. We choose energy, with a specific focus on Fracking as it represents a</p>

		<p>topical opportunity to wrestle with a controversial issue with relevance locally, nationally and globally.</p> <p>Term 4 – Pre-Release material arrives mid-March. This changes year on year and is completely unpredictable.</p>
Setting	Mixed Groups	

**Students are encouraged to be Responsible Global Citizens through activities/content on... sustainable management alternatives in rainforests and Hot Deserts with specific focus on deforestation and desertification (Living World). The contrasting approaches to increasing energy security through either developing renewable energy or by accessing new reserves of fossil fuels are evaluated in terms of the 3 Spheres of Sustainability (The Challenge of Resource Management).**

**We ensure all students experience high challenge in the subject by including regular exam practice and knowledge retention activities.**

**Literacy work this year includes focus on exam technique and SPAG marks in both mid unit and end unit assessments. Literacy starters focus on discrete vocabulary items.**

**Innovation and Creativity opportunities this year include our commitment to producing high quality sequence of learning for Pre-Release material, as supported by SLT's agreement to grant 1 planning day to develop these resources in-house.**

**Employability opportunities/skills covered this year are discussed in context of learning. In Living World opportunities in Ecotourism and Oil and Gas in Middle East. The Challenge of Resource Management offers ample opportunity to raise awareness of career/employment opportunities in Food Production (Local, organic food production, retail), water supply (regional water companies, environment agency) and energy supply (renewable energies in UK, exploring fossil fuels, sustainability sector).**

Term	Unit title	Knowledge and Understanding/content	Skills	Assessment
1/2	Living World	<ul style="list-style-type: none"> <li>Ecosystem components</li> <li>TRF characteristics</li> <li>Deforestation Causes and Impacts</li> <li>TRF Sustainable Management</li> <li>Hot Desert characteristics</li> <li>Opportunities and challenges for development</li> <li>Desertification (causes, effects, management)</li> </ul>	<ul style="list-style-type: none"> <li>Data interpretation (Pie Chart, combined bar chart)</li> <li>Food webs</li> <li>Flow diagrams</li> <li>Diagram skills</li> </ul>	<p>MUA – Ecosystems &amp; TRF</p> <p>EUA – Hot Deserts</p>
2/3	The Challenge of Resource Management	<ul style="list-style-type: none"> <li>Global Inequalities in supply and consumption of Food, Water and Energy</li> <li>Food, Water &amp; Energy – changing demand and provision in UK</li> <li>Global Energy Supply – growing demand</li> <li>Causes &amp; Impacts of Energy Security</li> <li>Strategies to Increase Energy Security</li> </ul>	<ul style="list-style-type: none"> <li>Revision Skills</li> <li>Choropleth Maps</li> <li>Evaluation of projects using 3 Spheres of Sustainability</li> </ul>	<p>MUA – Resource inequalities</p> <p>EUA – Energy issues around security and Fracking</p>
4/5	Revision/Field Work/Pre-Release	<p>Revision:</p> <ul style="list-style-type: none"> <li>Revision of Topics from Y10 &amp; 11</li> <li>Field Work write-ups (Paper 3)</li> <li>Pre-Release (Paper 3) unknown content which changes annually</li> </ul>	<ul style="list-style-type: none"> <li>OS map Skills</li> <li>Overview of AQA prescribed skills</li> <li>Data interpretation</li> <li>Justifying methods of field work enquiry</li> </ul>	<p>Exam Practice</p> <p>In class PPE Paper 3</p>

		<ul style="list-style-type: none"><li>• Evaluating field work enquiry</li><li>• Risk Assessment</li></ul>	
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