

Subject	Year 11 Threshold Concepts – Autumn Term	How to support students' learning
Geography	<p><b>Topic- The challenge of resource management</b></p> <p><b>Lesson 1: Why are food, water and energy fundamental to human development?</b>  <b>Objectives:</b></p> <ul style="list-style-type: none"> <li>✓ Describe resource management</li> <li>✓ Explain how food, water and energy are fundamental to human development</li> <li>✓ Evaluate the changing demand and provision of resources globally, including opportunities and challenges</li> </ul> <p><b>Lesson 2: How does the changing demand and provision of food resources in the UK create opportunities and challenges?</b>  <b>Objectives:</b></p> <ul style="list-style-type: none"> <li>✓ To describe the pattern of the demand for food</li> <li>✓ To explain the impact of all-year food demands</li> <li>✓ To evaluate changes to the provision of resources, including larger carbon footprints and agribusiness</li> </ul> <p><b>Lesson 3: How is demand for water in the UK changing?</b></p> <ul style="list-style-type: none"> <li>✓ Describe how the UK's demand for water changing</li> <li>✓ Explain the issues with increased demand for water</li> <li>✓ Evaluate how the UK is managing the demand for water</li> </ul> <p><b>Lesson 4: How is the UK dealing with increased demand for energy?</b></p> <ul style="list-style-type: none"> <li>✓ The describe how the UK's demand for energy changing</li> </ul>	<ul style="list-style-type: none"> <li>• Watch the video clip 'What is a resource?' <a href="#">What is a resource? - YouTube</a> Discuss the importance of the world's resources and how resources allow countries to develop.</li> <li>• Read the World Health Organisation's guidance on a healthy diet. <a href="#">Healthy diet (who.int)</a> Ask your child how many calories are needed a day and how lifestyle could impact this</li> <li>• Watch the video clip 'The Carbon Footprint of a Sandwich' <a href="#">The Carbon Footprint Of A Sandwich - YouTube</a> Make notes on the processes involved in the production of a sandwich. Ask your child what challenges are associated with food production</li> <li>• Encourage your child to consider what can be done to reduce your carbon footprint. Watch the video clip 'Eating here could reduce your carbon footprint' <a href="#">Eating here could reduce your carbon footprint - BBC London - YouTube</a></li> <li>• Take the first steps in reducing your carbon footprint by partaking in the first UK based environmental footprint calculator <a href="#">WWF Footprint Calculator</a></li> <li>• Use the interactive website <a href="#">The race to improve food security (bbc.com)</a> to investigate why we still haven't solved global food insecurity</li> <li>• Watch the video clip on the 'Kielder Reservoir Scheme' <a href="#">Kielder Scheme - YouTube</a> and produce an informative poster on the advantages and disadvantages of UK water transfer schemes</li> <li>• Make notes while watching the video clip 'What is food insecurity? An explanation' <a href="#">What is food insecurity? An explanation - YouTube</a></li> <li>• Watch the clip 'Greenhouses' <a href="#">BBC Two - Mediterranean with Simon Reeve, Series 1, Episode 4, Greenhouses</a> Discuss with your child the advantages and disadvantages</li> </ul>

	<ul style="list-style-type: none"><li>✓ <b>The explain the issues with increased demand for energy</b></li><li>✓ <b>To evaluate how the UK is managing the demand for energy</b></li></ul> <p><b>Lesson 5: Why is the demand for food resources rising?</b></p> <ul style="list-style-type: none"><li>✓ <b>Describe reasons for increasing food consumption.</b></li><li>✓ <b>Explain the consequences of food supply.</b></li><li>✓ <b>Evaluate a large-scale agricultural development</b></li></ul>	<p>of large-scale agricultural developments such as Almeria, Spain</p> <ul style="list-style-type: none"><li>• You can view the complete episode here <a href="#">BBC Two - Mediterranean with Simon Reeve, Series 1, Episode 4</a></li><li>• Complete the formative tests using the BBC Bitesize website: <a href="#">The challenge of resource management - GCSE Geography Revision - AQA - BBC Bitesize</a></li><li>• Use the website <a href="#">Kerboodle</a> to access the AQA E-text book for additional reading, tasks and practice paper questions</li></ul>
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