

Subject Geography	Year 11 Threshold Concepts – Autumn Term 2026	How to support students' learning
	Topic- The challenge of resource management Lesson 1: Why are food, water and energy fundamental to human development? Objectives: ✓ Describe resource management ✓ Explain how food, water and energy are fundamental to human development ✓ Evaluate the changing demand and provision of resources globally, including opportunities and challenges Lesson 2: How does the changing demand and provision of food resources in the UK create opportunities and challenges? Objectives: ✓ To describe the pattern of the demand for food ✓ To explain the impact of all-year food demands ✓ To evaluate changes to the provision of resources, including larger carbon footprints and agribusiness Lesson 3: How is demand for water in the UK changing? ✓ Describe how the UK's demand for water changing ✓ Explain the issues with increased demand for water ✓ Evaluate how the UK is managing the demand for water	• Watch the video clip 'What is a resource?' What is a resource? - YouTube Discuss the importance of the world's resources and how resources allow countries to develop. • Read the World Health Organisation's guidance on a healthy diet. Healthy diet (who.int) Ask your child how many calories are needed a day and how lifestyle could impact this • Watch the video clip 'The Carbon Footprint of a Sandwich' The Carbon Footprint Of A Sandwich - YouTube Make notes on the processes involved in the production of a sandwich. Ask your child what challenges are associated with food production • 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' Eating here could reduce your carbon footprint - BBC London - YouTube • Take the first steps in reducing your carbon footprint by partaking in the first UK based environmental footprint calculator WWF Footprint Calculator • Use the interactive website The race to improve food security (bbc.com) to investigate why we still haven't solved global food insecurity • Watch the video clip on the 'Kielder Reservoir Scheme' Kielder Scheme - YouTube and produce an informative poster on the advantages and disadvantages of UK water transfer schemes

	Lesson 4: How is the UK dealing with increased demand for energy? ✓ The describe how the UK's demand for energy changing ✓ The explain the issues with increased demand for energy ✓ To evaluate how the UK is managing the demand for energy Lesson 5: Why is the demand for food resources rising? ✓ Describe reasons for increasing food consumption. ✓ Explain the consequences of food supply. ✓ Evaluate a large-scale agricultural development Topic- Revision Lesson 6: What are natural hazards and what are the causes, impacts and management strategies for tectonic hazards? ✓ Define a natural hazard, give examples and outline factors affecting hazards. ✓ Explain the causes of tectonic hazards. ✓ Outline the effects and responses to tectonic hazards using case studies. Lesson 7: Weather hazards and climate change ✓ Explain how atmospheric circulation determines weather & climate. ✓ Explain where and how tropical storms form. ✓ Use a case study to outline the impacts and responses to a tropical storm.	• Make notes while watching the video clip 'What is food insecurity? An explanation' What is food insecurity? An explanation - YouTube • Watch the clip 'Greenhouses' BBC Two - Mediterranean with Simon Reeve, Series 1, Episode 4, Greenhouses Discuss with your child the advantages and disadvantages of large-scale agricultural developments such as Almeria, Spain • You can view the complete episode here BBC Two - Mediterranean with Simon Reeve, Series 1, Episode 4 • Complete the formative tests using the BBC Bitesize website: The challenge of resource management - GCSE Geography Revision - AQA - BBC Bitesize • Use the website Kerboodle to access the AQA E-text book for additional reading, tasks and practice paper questions • Watch the video clip - Layers of the Earth - YouTube Discuss the four layers and their characteristics e.g., composition and temperature. Revise the four types of plate boundaries: Destructive, constructive and conservative plate margins - Plate margins and plate tectonics - AQA - GCSE Geography Revision - AQA - BBC Bitesize Can you think of a way to use hand signals to remember the four plate boundaries?! • Revise the different evidence we have for climate change: Climate change and global warming - Climate change - AQA - GCSE Geography Revision - AQA - BBC Bitesize • Watch the following video and summarise the key points: Climate Change GCSE GEOGRAPHY
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	✓ Explain how extreme weather in the UK affects people and the economy using a case study. Lesson 8: Ecosystems and Tropical Rainforests ✓ Use a case study to explore the interrelationship between features of the ecosystem. ✓ Explain the distinctive features of tropical rainforests. ✓ Use a case study to illustrate the causes and impacts of deforestation in the tropical rainforest. ✓ Explain why tropical rainforests need to be managed sustainably. Lesson 9: Hot deserts ✓ To describe the characteristics of hot deserts. ✓ To outline the opportunities and challenges of hot deserts. ✓ To explain the strategies used to reduce the risk of desertification on the fringes of hot deserts. Lesson 10: UK physical landscapes & Coasts ✓ To explore the upland, lowland and river landscapes of the UK. ✓ Understand the physical processes that shape the coast. ✓ Use a case study to explain how coastal landforms are made from erosion and deposition. ✓ Use a case study to explore the soft and hard engineering techniques used to protect the coastline.	• Try this Quizlet to learn the key terms connected to ecosystems: Ecosystems Flashcards Quizlet Watch the BBC Teach video clips on 'Rainforests' Rainforests Geography - Ecosystems and Biomes - YouTube and 'Food Chains' Food Chains Biology – Life Lessons - YouTube Debate: How can rainforests be managed sustainably so that people can make money from them now, and will still be able to in the future? Watch the video clips and make notes on the how people, plants and animals have adapted to be able to survive the harsh arid conditions of the desert. • David Attenborough on the World's Deserts - David Attenborough on the World's Deserts - YouTube • Desert Adaptations - Desert Adaptations - YouTube • BBC Teach Deserts - Deserts Geography - Ecosystems and Biomes - YouTube • Draw and label a sequence diagram (e.g. cave → arch → stack → stump). • Practise explaining processes out loud (this helps with exam answers). • Learn how to identify and explain coastal deposition/landforms on an OS map. https://www.bbc.co.uk/bitesize/guides/zsdmv9q/revision/4 https://www.bbc.co.uk/bitesize/guides/zsdmv9q/revision/7
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Lesson 11: Rivers

- ✓ Explore how the shape of the river valley changes as rivers flow downstream.
- ✓ Explain the formation of distinctive fluvial (river) landforms from erosion and deposition.
- ✓ Explain how different management strategies can be used to protect river landscapes from the effects of flooding.
- ✓ Explore a case study of a UK river to identify major landforms, and a case study of a flood management scheme.

- Design flashcards for each of the upper-course river landforms (V-shaped valley, waterfall, gorge). Include – a simple diagram, a formation explanation and 3 test questions on the back of the card.

Helpful resources:

<https://www.internetgeography.net/gcse-geography-interactive-revision/gcse-geography-rivers-revision/>

<https://www.bbc.co.uk/bitesize/guides/z6jx382/revision/1>

<https://timeforgeography.co.uk/videos-list/rivers/formation-waterfall-gorge/>

<https://timeforgeography.co.uk/videos-list/rivers/formation-of-potholes/>

- Design flashcards for each of the middle and lower-course river landforms (meanders, ox-bow lakes, flood plains, levees). Include – a simple diagram, a formation explanation and 3 test questions on the back of the card.

Helpful resources:

<https://www.bbc.co.uk/bitesize/guides/z6jx382/revision/1>

<https://timeforgeography.co.uk/videos-list/rivers/floodplains/>

- **Make a revision poster for the River Severn Case Study – Landforms of Erosion and Deposition**

<https://www.internetgeography.net/geotopics/the-river-severn-case-study-landforms-of-erosion-and-deposition/>

