

Subject Geography	Year 10 Threshold Concepts Spring Term 2027	How to support students' learning
Urban Issues and Challenges - Birmingham	Lessons 1 -6 are taught in the Spring Term Lesson 7: What is the impact of urban sprawl? ✓ To assess the impact of urban sprawl on people and the environment. ✓ To investigate the impact of growing commuter settlements. Lesson 8: What are the features of sustainable urban living? ✓ To define urban sustainability. ✓ To explain features of sustainable urban living (water and energy conservation, waste management and green spaces). ✓ To assess the sustainability of Tyseley Energy Park (TEP).	Make a mind map on sustainable urban living using Seneca: • https://senecalearning.com/en-GB/revision-notes/gcse/geography/aqa/4-1-10-sustainable-urban-life • https://www.youtube.com/watch?v=CG6OLZGapSY Mind map the features of BedZED, a sustainable urban development in London using this booklet: • The-BedZED-Story_Bioregional_2017.pdf (storage.googleapis.com) Watch the following videos on BedZed in London about sustainable urban living: • https://www.youtube.com/watch?v=FWhQVGZPFZI&ab_channel=Bioregional • https://www.youtube.com/watch?v=YdQPwEJGWwc&ab_channel=Bioregional https://www.youtube.com/watch?v=MCLehargbA4&ab_channel=GoingGreen
Subject Geography	Year 9 Threshold Concepts Spring Term 2027	How to support students' learning
Climatic Hazards and Climate Change	Lesson 1: What are weather hazards? ✓ To describe what a natural hazard is and give examples of different types. ✓ To describe the types of extreme weather experienced in the UK.	Explore the following revision pages and create key-word definition flash-cards: What is a natural hazard? - Natural hazards - AQA - GCSE Geography Revision - AQA - BBC Bitesize Types of natural hazard - Natural hazards - AQA - GCSE Geography Revision - AQA - BBC Bitesize Hazard risks and consequences - Natural hazards - AQA - GCSE Geography Revision - AQA - BBC Bitesize

	✓ To explain why the UK gets such variable weather. ✓ To analyse a UK extreme weather event, the 'Beast from the East', explaining its causes, effects and effectiveness of responses. Lesson 2: What is global atmospheric circulation? ✓ To define global atmospheric circulation and identify the three main convection cells. ✓ To explain how global atmospheric circulation creates pressure belts and surface winds, and how these influence patterns of high- and low-pressure weather. ✓ To explain how global atmospheric circulation affects climate and biomes. Lesson 3: How are tropical storms formed? ✓ To describe the global distribution of tropical storms. ✓ To describe the structure (key features) of tropical storms. ✓ To explain the physical conditions required for tropical storm formation and development.	Create a revision poster on the causes, impacts and responses to 'The Beast from the East' – a UK extreme weather event. https://www.internetgeography.net/geotopics/beast-from-the-east-extreme-weather-in-the-uk/ Watch the Met Office video clip What is global circulation? Part One Differential heating - YouTube and What is global circulation? Part Two The three cells - YouTube • Discuss the location of the world's deserts and rainforests in relation to Global Circulation. • Draw a labelled diagram showing global atmospheric circulation including lines of latitude Read the article Can we get hurricanes in the UK? ITV News • Discuss why we don't get tropical storms in the UK but whether we could in the future. Study the diagram showing how tropical storms develop on the BBC bitesize website: Structure, features and the development of tropical storms - Tropical storms - AQA - GCSE Geography Revision - AQA - BBC Bitesize • Create a timeline showing tropical storm development.
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	Lesson 4: What are the impacts of Tropical Storms? ✓ To describe the formation of Typhoon Haiyan. ✓ To identify and explain primary and secondary effects of Typhoon Haiyan. Lesson 5: How do we respond to tropical storms? ✓ To evaluate the short- and long-term responses to Typhoon Haiyan. Lesson 6: What evidence is there of Climate Change? ✓ To explain the greenhouse effect (natural and enhanced) and how it contributes to climate change. ✓ To describe and explain the natural causes of climate change. ✓ To evaluate evidence for climate change. Lesson 7: How do humans contribute to climate change? ✓ To evaluate the extent to which human activity is responsible for climate change. ✓ To explain ways we can adapt to and mitigate climate change.	Make a case-study revision card of key facts and figures: Tropical Storms Case Study: Haiyan Free Notes & Practice – Geography: AQA GCSE Watch the following documentary: Surviving Super Typhoon Haiyan - The Storm That Broke A City Discuss the Saffir-Simpson Hurricane Wind Scale Saffir-Simpson Hurricane Wind Scale (noaa.gov) and damage caused by different wind intensities. • View the interactive diagram. Read the article ‘The Science of Hurricane-Proof Buildings’ The Science of Hurricane-Proof Buildings & Homes [Animated] BigRentz • Produce an A3 poster, designing a hurricane-proof building. Consider the cost of the building design. Watch the ‘Natural Causes of Global Warming’ Natural Causes of Global Warming - YouTube and write down three reasons why climate change occurs naturally. Watch the following video clips about human causes of climate change. 1. Deforestation: https://www.youtube.com/watch?v=Nc7f5563azs 2. Fossil fuels: https://www.youtube.com/watch?v=zaXBVYr9lj0 3. Agriculture: https://www.youtube.com/watch?v=26qzmw_xG58 Create a table to show how each human activity contributes to climate change. Include the type of activity, a brief description of what happens, the greenhouse gases involved. View the full episode of ‘Climate Change – The Facts’ by David Attenborough on BBC iPlayer - Climate Change - The Facts How climate change affects hurricanes, typhoons and cyclones - BBC News
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	✓ To explain the global impacts of climate change.	Use the BBC Bitesize website to do further revision and complete quizzes: The challenge of natural hazards - GCSE Geography Revision - AQA - BBC Bitesize
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