

Subject	Year 7 Threshold Concepts – Autumn Term	How to support students' learning
Geography	Are we lost without Geography? What is geography all about? Objectives - Describe what geography is, including key skills used by geographers and the range of careers they can pursue. - Locate the main physical features of the UK. - Describe the location of places using direction. What is the local environment? Objectives - To understand what a local environment is - To investigate Ironbridge as a local environment - To identify and be able use 4 figure grid references and OS map symbols	- United Kingdom (nationalgeographic.com) - Geography of the UK (3dgeography.co.uk) - Seneca Learning has geography education quizzes: https://senecalearning.com/en-GB/ - Education quizzes also has some geography education quizzes: https://www.educationquizzes.com/ks3/geography/ - AQA have a good KS3 Geography Textbook for students to work and read at home - Familiarise your child with the countries of the world, and how to use an atlas - Encourage your child to use Google Earth / Maps to explore different places from around the UK
	Wild Weather How is climate different to weather? Objectives - To define weather and climate - To explain why climate varies globally - To explore different climate zones Why is Britain so wet? Objectives - To draw and interpret a UK climate graph - To describe what the weather is like in the UK - To explain the 3 reasons why it rains What is a microclimate? Objectives - To identify weather instruments and outline what they measure.	- Ask your child to check the weather on the TV / Radio / Internet through this module - You can help your child record their weather data to write up in class - a recording booklet with instructions will be given to your child to take home - Climate affects the world's biomes (large ecosystems) There are some very good David Attenborough documentaries on iPlayer covering various parts of the world including Planet Earth, Green Planet and Seven Worlds One Planet BBC iPlayer - Seven Worlds, One Planet BBC One - The Green Planet, Series 1, Tropical Worlds BBC iPlayer - Planet Earth BBC iPlayer - Planet Earth II

	• To define microclimate. • To complete a microclimate investigation. • To explain how the Beaufort scale is used to measure wind. Is climate change really happening? Objectives • To define climate change • To explain what the greenhouse effect is and how greenhouse gases effect climate • To examine the evidence and impact of climate change How can we tackle climate change? Objectives • To explore how climate change can be managed • To define sustainable • To design a sustainable home What is a tropical storm? Objectives • To know the conditions needed for a tropical storm to form • To identity the causes, impacts and responses to a tropical storm • To explore the link between climate change and tropical storms	• Carry out a science investigation to develop understanding of the greenhouse effect. • Identify human causes of climate change. • Compare carbon footprints. • Use a consequence web, case studies and role play to develop awareness of the impacts of the climate crisis. • Play a climate change vulnerability game. • Investigate how communities are adapting to the effects of climate change. • Work with others to take action against climate change. Climate Change - The Facts - BBC iPlayer BBC Live Lessons - Series 3: Bitesize: The Regenerators – Climate Change Live Lesson - BBC iPlayer BBC iPlayer - BBC Live Lessons - Series 7: Earth Day 2026
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