

Subject	Year 13 Core Knowledge – Autumn/Spring/Summer term	How to support students' learning
Geography	<p><b>Autumn Term</b> <b>The Water Cycle and Water Insecurity –</b></p> <ol style="list-style-type: none"> <li>1. Understand the reasons why the global water cycle is of enormous importance to life on Earth.</li> <li>2. Explain what a river drainage basin is and how it operates within the global water cycle.</li> <li>3. Explain how the hydrological cycle influences water budgets, river regimes and storm hydrographs.</li> <li>4. Identify the physical and human causes of drought and explain its impact on ecosystems.</li> <li>5. Identify the physical and human causes of flooding and explain its impact on people.</li> <li>6. Understand why climate change may have significant impact on the hydrological cycle globally and locally.</li> <li>7. Evaluate the physical and human causes of water insecurity.</li> <li>8. Explain the consequences of water insecurity.</li> <li>9. Evaluate the different methods of water management and understand that some are more sustainable than others.</li> </ol> <p><b>The Carbon Cycle and Energy Security –</b></p> <ol style="list-style-type: none"> <li>10. Know that most global carbon is locked in terrestrial stores.</li> <li>11. Understand the biological processes that sequester carbon.</li> <li>12. Understand that a balanced carbon cycle is important in sustaining other Earth systems but is increasingly altered by human activities.</li> <li>13. Know that energy security is a key goal for countries, with most relying on fossil fuels.</li> </ol>	<ul style="list-style-type: none"> <li>• Keep up to date with current affairs by reading newspapers, watching the news or by downloading Apps such as BBC news.</li> <li>• Watch Geographical documentaries.</li> <li>• Write up class notes to produce a revision guide.</li> <li>• Use your class TEAMS page where you will find lesson PowerPoints and additional resources to support your learning.</li> <li>• Practice exam style questions. <a href="https://revisionworld.com/a2-level-level-revision/geography-level-revision/geography-level-past-papers/edexcel-level-geography-past-papers">https://revisionworld.com/a2-level-level-revision/geography-level-revision/geography-level-past-papers/edexcel-level-geography-past-papers</a></li> <li>• Watch YouTube revision clips such as the ones by 'snap revise'.</li> <li>• Use revision websites such as <a href="https://www.physicsandmathstutor.com/geography-revision/a-level-edexcel/">https://www.physicsandmathstutor.com/geography-revision/a-level-edexcel/</a> to support your learning and exam preparation.</li> <li>• Buy a revision guide such as the one below.</li> </ul> <div style="text-align: center;"> </div>

14. Explain why there is still a reliance on fossil fuels to drive economic development.
15. Evaluate the costs and benefits of alternatives to fossil fuels.
16. Explain why biological carbon cycle and water cycle are threatened by human activity.
17. Understand the implication for human wellbeing from the degradation of the water and carbon cycles.
18. Understand that further planetary warming risks large-scale release of stored carbon and that this requires responses from different players at different scales.

**Spring / Summer Term**

**Superpowers –**

19. Understand that geopolitical power stems from a range of human and physical characteristics.
20. Explain how patterns of power have changed over time.
21. Explain how emerging powers vary in their influence on people and the physical environment, which can change rapidly over time.
22. Understand why Superpowers have a significant influence over the global economic system.
23. Understand how superpowers and emerging nations play a key part in international decision making.
24. Explain why global concerns about the physical environment are disproportionately influenced by superpower actions.
25. Understand that there are global tensions and global influence is contested in a number of economic, environmental and political spheres.
26. Discuss why developing nations have changing relationships with superpowers.

27. Discuss why existing superpowers face ongoing economic challenges.

**Health, Human Rights and Intervention –**

- 28. Understand why concepts of human development are contested.
- 29. Explain why there are variations in human health and life expectancy.
- 30. Know that governments and international government organisations play a significant role in defining development targets and policies.
- 31. Know that human rights have become important aspects of international law and agreements.
- 32. Understand why there are significant differences between countries in both their definitions and protection of human rights.
- 33. Understand why there are significant variations in human rights within countries.
- 34. Understand that there are different forms of geopolitical intervention in defence of human rights.
- 35. Evaluate the successes and negative impacts of development projects.
- 36. Understand why military aid and intervention are frequently justified in terms of human rights.
- 37. Discuss the different ways of measuring success of geopolitical interventions.
- 38. Explain why development AI has a mixed record of success.
- 39. Explain why military interventions have a mixed record of success.