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| **What will we be learning?**  AQA A-Level Coastal Systems and Landscapes | **Why this? Why now?**  We have started with coasts at the beginning of the A-Level journey as it introduces the key concept of a ‘systems approach’ in a topic the students have previously studied during their learning journey, thus allowing them to build on knowledge and give them confidence. In addition, being located near the coast allows students to visualise the key concepts and us to visit locations we study. | **Key Words:**  Adaptation  Beach profile  Coastal management  Concordant coastline  Deposition  Discordant coastline  Dynamic Equilibrium  Emergent coastline  Erosion  Eustatic change  Geology  Integrated Coastal Zone Management  Isostatic change  Littoral Cell  Mitigation  Permeability  Resilience  Sediment Cell  Shoreline Management Plan  Submergent coastline  Succession  Thermal expansion  Transportation |
| **What will we learn?**   * Coasts as natural systems – Systems in physical Geography. * Systems and Processes – Sources of energy in coastal environments, sediment cells and budgets, geomorphological processes and coastal processes. * Coastal Landscape Development – Erosional and Depositional Landforms and Sea Level Change. * Coastal Management – Hard and Soft Engineering, SMPs and ICZMs. * Case Studies – local and beyond the UK. | |
| **What opportunities are there for wider study?**  Careers:   * Coastal Engineering * Coastal Ecologist * Jobs linked to Coastal Erosion and Flooding e.g. Risk Practitioner   Fieldtrips:   * Local Coastal Fieldtrip to Barton-on Sea and Bournemouth.   Wider Reading:   * Peter Stiff - Coastal Landscapes Topic Master * The Geographical – Available in the library * Geography Review – Available in the library * Geofile Articles – A variety of articles available | |
| **How will I be assessed?**  Students will complete assessments throughout the topic including past paper questions e.g. 4, 6 and 20 markers. Students will then have an end of unit assessment from a past paper.  End of Unit Assessment Objectives   * 4 mark question – AO1 (Knowledge and Understanding) * 6 mark question – AO3 (Qualitative and Quantitative fieldwork skills) * 6 mark question – AO1 and AO2 (Knowledge and Understanding, Application) * 20 mark question - AO1 and AO2 (Knowledge and Understanding, Application) | |