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| **What will we be learning?**  GCSE Paper 1 – Physical Landscapes in the UK – Coasts and Rivers. | **Why this? Why now?**  Urban areas not only consist of human features (last topic), they also include physical features such as Ecosystems (previous topic) and Rivers and Coasts (this topic).  Many urban areas are by the coast and therefore there is a need to understand coastal processes, management etc when considering many of our urban areas are on/near to coastlines. | **Key Words:**  Landscape  Waves  Energy  Constructive  Destructive  Weathering  Mass Movement  Erosion  Hydraulic Action  Attrition  Abrasion  Solution  Deposition  Transportation  Longshore Drift  Geology  Landforms  Headlands/Bays  Stacks  Stumps  Sand Dunes  Spits/Bars  Management  Hard/Soft Engineering  Sea Walls  Groynes  Gabions  River Profile  Interlocking Spurs  Waterfalls/Gorges  Meanders/Oxbow Lakes  Levees  Flood Plains  Estuaries  River Valley  Flooding  Dams/Reservoirs  Embankments  River Restoration  Afforestation  Flood Warnings  Flood Plain Zoning |
| **What will we learn?**  **Coastal Landscapes in the UK:**   * The UK has a range of diverse landscapes. * The coast is shaped by a number of physical processes. * Distinctive coastal landforms are the result of rock type, structure and physical processes. * Different management strategies can be used to protect coastlines from the effects of physical processes.   **River Landscapes in the UK:**   * The shape of river valleys changes as rivers flow downstream. * Distinctive fluvial landforms result from different physical processes. * Different management strategies can be used to protect river landscapes from the effects of flooding. | |
| **What opportunities are there for wider study?**  Careers:   * Coastal Engineer * Flood Management * Environment Agency Careers   Further Study:  Coasts is a topic we study at A-Level and so there are many articles available to pupils at an A-Level standard such as GeoFiles and A-Level textbooks (please ask your teacher for a copy of one). | |
| **How will I be assessed?**  Exam questions throughout the topic (e.g. 1,2,3,4 markers) and an end of unit assessment consisting of past paper GCSE exam questions. | |