



Topic Overview

Faculty/Subject: Geography

Year Group: 9

Topic: Coasts



What BIG IDEAS will you cover in this topic? What the coast is and how it works – understanding the meeting point between land and sea and the processes that shape it. How waves form and behave – exploring different types of waves and how they influence coastal change. How the coastline is shaped by natural processes – including erosion, transportation and deposition. How distinctive landforms are created – such as caves, arches, stacks, stumps, headlands and bays. The challenges coastal communities face – including erosion risks and the impact on people, homes and the environment. How we protect the coast – comparing hard engineering (sea walls, groynes) with more sustainable soft engineering.	What other <u>key concepts, knowledge and skills</u> will you learn in this topic? Coastal processes: erosion (abrasion, attrition, hydraulic action), longshore drift and deposition. Human–environment interaction: exploring how people use, protect and sometimes damage the coast. Evaluating management strategies: assessing the advantages and disadvantages of different coastal defences. Fieldwork-style skills: describing landforms, analysing photographs and sketching coastal features. Map skills: using OS maps to identify symbols, contours, grid references and coastal features.
What important <u>prior knowledge</u> will you use from your prior learning? This will link to the lessons covered on glaciation and rivers in year 7 as it covers similar geographical processes such as erosion and deposition. Where does this topic fit into the <u>curriculum plan</u> for this subject? This is the fifth topic of year 9 and is the third physical topic which they will study.	Assessment: How and when will you be assessed on this topic? What will the success criteria be? Mini assessment - Students will complete a small assessment made up of multiple choice questions and some written questions to test their understanding up to that point in the topic. End of year assessment - This topic will be included on their end of year assessment which they will receive feedback on in a subsequent lesson.
What is the key <u>vocabulary</u> that you will need to know in this topic? Coastline Swash / Backwash Constructive wave Destructive wave Erosion Hydraulic action Abrasion Attrition Solution Transportation Longshore drift Deposition Cliff collapse / Mass movement Cave → Arch → Stack → Stump Headland / Bay Sea wall	What is the structure of learning/ lessons in this topic? 1. Waves 2. Erosion and cliff collapse 3. Headlands and bays 4. Longshore drift and groynes 5. Beaches and spits 6. Why is coastal erosion a problem? 7. How should coastlines be managed? 8. DME - How do you protect the coast?