

As Level Geography – Year 12

Topic 2: Coastal Landscapes and Systems

Week	Lesson	Lesson Title	Key concepts	Independent Learning Student to complete as advised by teacher
1	1 & 2	Coastal Differences.	<ul style="list-style-type: none"> - Revise GCSE coasts content and Intro to topic - How and why coastal landscapes vary - High energy low energy coastlines - Sediment cells 	
2	3 & 4	Geology at the Coast	<ul style="list-style-type: none"> - Morphology, geology and lithology of the coastline - Case study – Isle of Purbeck 	
3	5	Concordant and discordant coastlines	<ul style="list-style-type: none"> - Formation of concordant and discordant coastlines - Case study Isle of Purbeck - Study of how coastal recession is influenced by lithology and geology 	
	6	Waves	<ul style="list-style-type: none"> - Formation of waves - Characteristics of waves 	

			<ul style="list-style-type: none"> - Processes and landforms influences by waves 	
4	7	Coastal Erosion	<ul style="list-style-type: none"> - Types of Erosion - Influence of erosion on the landscape - Using skills – field sketches 	
	8 & 9	Transportation and deposition	<ul style="list-style-type: none"> - Longshore drift - Tides and currents - Depositional features – spit, bar, barrier islands, tombolo, cuscate 	
5	10	Mass Movement and weathering	<ul style="list-style-type: none"> - Types of weathering - Types of mass movement - Case study – Holbeck Hall 	
	11	Plant Succession	<ul style="list-style-type: none"> - Sand Dunes succession - Salt Marsh Succession - Links to fieldwork skills – statistics 	
6	12 & 13	Holderness Coast Case Study	<ul style="list-style-type: none"> - Features of the Holderness coast - Coastal protection at Holderness Coast - Independent research task 	

7/8	14	Climate Change and its influence on coasts	<ul style="list-style-type: none"> - Eustatic and isostatic change - Emergent and submergent coast lines - Case study – Kingsbridge in Devon 	
	15/16	Coastal Flooding	<ul style="list-style-type: none"> - Causes of coastal flooding - Impacts of coastal flooding - Preparation and management of coastal flooding - Storm surges - Case studies: Bangladesh, Maldives, UK, India 	
9	1	Assessment	Revision lesson	
	2	Assessment	Revision lesson	
	3	Assessment	Revision lesson	
10	1	Assessment	Revision lesson	Redraft assessment corrections
	2	Assessment	Exam	
	3	Assessment	Exam redraft	