



Secondary Curriculum Overview (Medium Term Plan)

SUBJECT	GEOGRAPHY	YEAR/FORM GROUP	9
TOPIC TITLE	COASTAL ENVIRONMENTS		
TERM	TERM 1	LENGTH	13
Learning Overview	Coastal landscapes Features of coastal erosion Features of coastal deposition Coastal transportation Coastal defence and management Coasts at risk Human interaction with the sea		
Resources	Royal Geographical Society - https://www.rgs.org/schools/teaching-resources/coasts/ BBC Bitesize - https://www.bbc.co.uk/bitesize/topics/z6bd7ty		

Week	Learning Overview	Learning Objectives	Assessment/Homework	KEYWORDS
1	Introduction to Unit Coasts as dynamic and changing systems	To identify what a coast is and what different coasts look like. Use atlases to locate different coastal features around the world and start to consider how these features may change over time.	#GetOutside Grain of sand	Coastal features Oceanography Physical processes Human processes

2	Waves and tides	To explain the formation of waves. To explain how and why tides change.	Tide Chart for Manama https://www.tideschart.com/	Wind Fetch Swash Backwash Constructive waves Destructive waves Moon Sun Tides High tide Low tide Intertidal zone
3	Coastal processes	To understand how waves continually change the coastline through the 3 processes of erosion, transportation and deposition.		Erosion Transportation Deposition Weathering Hard rock Soft rock
4	Waves at work: EROSION	To examine how waves erode different types of rocks at different rates. To explore how different features are formed. To identify and sketch the landforms created by coastal erosion.	ASSIGNMENT: Where in the world? Focus on: The Great Ocean Road, Australia A3 poster	Destructive waves Cliff Headland Notch Cave Arch Stack Stump Blow hole
5	Waves at work: TRANSPORTATION AND DEPOSITION	To examine how sand is transported along the coast at various rates.	#GetOutside	Swash Backwash Zig-zag pattern

		To draw an annotated sketch of the coastline.		Longshore drift Pebble Shingle Spit Silt Tombolo Sand bar Marram grass
6	Coasts in danger!	To examine human activity in coastal areas; the impact this activity has and the challenges people living in coastal areas face. Focus: Land reclamation	Where in the world? Focus on: Dubai Sketch map/aerial photo activity #GetOutside Durrat Al Bahrain Islands	Land reclamation The Palm Dubai
7	Coasts in danger!	To examine human activity in coastal areas; the impact this activity has and the challenges people living in coastal areas face. Focus: Coral Reefs		Coral reef Global warming Climate change Sea levels Rising Coral bleaching Artificial reef Storm surge
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8	Coastal defence	To examine (advantages and disadvantages) the types of coastal defences. FOCUS: Hard engineering	#GetOutside Al Jazayar beach	Hard engineering Sea wall Rock armour Revetments Groynes Rip-rap Gabions

9	Coastal defence	To examine (advantages and disadvantages) the types of coastal defences. FOCUS: Soft engineering	#GetOutside Bahrain coastal protection	Marram grass Beach nourishment Shoreline management plans
10	Coasts in danger!	To examine human activity in coastal areas; the impact this activity has and the challenges people living in coastal areas face. FOCUS: Happisburgh, UK		Coastal defences Storm surge Erosion Groyne Revetment Rock armour
11	Human interaction and the sea (PAST)	To identify the factors that influenced early exploration and settlement along the coastline.	Sea Fever by John Masefield	Age of Exploration Cartography Settlement Trade Transport Bridging point
12	Human interaction and the sea (PRESENT)	To examine the impact of plastic on our oceans	#GetOutside Beach clean up	Microplastic Pacific trash vortex
13	Storm warning!	To identify the location of tropical storms, typhoons and hurricanes To examine the causes of severe storms and explore the impacts. FOCUS: Hurricane Katrina	Where in the world? Focus on: NOAA	Low pressure Prevailing winds Storm surge Eye of the storm Flooding Infrastructure Short term impacts Long term impacts

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