

Term	Week	Focus	Summary	Learning Outcomes	Learning Skills
Term 1.1	1	What are the features of a coastline?	Understand the various features of a coastline and their significance. Identify different coastal features (beaches, cliffs, settlements) and explain their development. Explain the importance of different coastal features for human activities. Analyze the impact of coastal features on local economies.	Identify different coastal features (beaches, cliffs, settlements). Explain the development and significance of these features. Analyze the impact of coastal features on local economies.	Critical thinking, Data interpretation, Real-world application
	2	What are the factors which influence waves?	Explore the factors that influence waves and differentiate between types of waves. Describe how wind and fetch influence waves. Identify and explain the differences between constructive and destructive waves. Analyze how different wave types affect coastal areas.	Describe how wind and fetch influence waves. Identify differences between constructive and destructive waves. Analyze the impact of wave types on coastal areas.	Analytical skills, Data analysis, Critical thinking
	3	How do waves shape the land?	Understand the processes of wave erosion and its impacts on coastal areas. Explain the four types of wave erosion and their effects. Provide examples of erosion impacts. Analyze the long-term impacts of coastal erosion on settlements.	Explain the four types of wave erosion and their effects. Provide examples of erosion impacts. Analyze the long-term impacts of coastal erosion on settlements.	Problem-solving, Analytical thinking, Application of knowledge



	4	How do headlands and bays form?	Learn about the formation of headlands and bays through erosion and geological changes. Describe the process of headland and bay formation using examples from the UAE/Oman coast. Explain the role of erosion and geology in the formation of headlands and bays. Compare headland and bay formations in different regions.	Describe the process of headland and bay formation. Explain the role of erosion and geology in the formation of headlands and bays. Compare headland and bay formations in different regions.	Comparative analysis, Understanding geological processes, Critical thinking
	5	What are the processes that lead to the formation of stacks?	Understand the processes of erosion and weathering leading to stack formation. Explain how stacks form using examples from the Omani coast. Describe the role of erosion and weathering in the formation of stacks. Investigate other stack formations in the Arab region.	Explain how stacks form using examples from the Omani coast. Describe the role of erosion and weathering in the formation of stacks. Investigate other stack formations in the Arab region.	Research skills, Analytical thinking, Understanding erosion and weathering processes
	6	What is longshore drift?	Learn about the process of longshore drift and its role in coastal transportation. Describe longshore drift and how it moves sand and shingle along the coast. Explain the factors that influence longshore drift. Predict the impact of longshore drift on different coastlines.	Describe longshore drift and its role in coastal transportation. Explain the factors that influence longshore drift. Predict the impact of longshore drift on different coastlines.	Predictive analysis, Data interpretation, Understanding transportation processes



	How do spits form?	Understand the formation of spits and the role of deposition. Explain spit formation and identify features like recurved ends and salt marshes. Describe the conditions necessary for spit formation. Investigate the impact of spits on coastal environments.	Explain spit formation and identify features like recurved ends and salt marshes. Describe the conditions necessary for spit formation. Investigate the impact of spits on coastal environments.	Investigative skills, Critical thinking, Understanding deposition processes	
Term 1.2	1	How do spits form?	Understand the formation of spits and the role of deposition. Explain spit formation and identify features like recurved ends and salt marshes. Describe the conditions necessary for spit formation. Investigate the impact of spits on coastal environments.	Explain spit formation and identify features like recurved ends and salt marshes. Describe the conditions necessary for spit formation. Investigate the impact of spits on coastal environments.	Investigative skills, Critical thinking, Understanding deposition processes
	2	How do we prevent coastal erosion?	Learn about hard and soft engineering methods to prevent coastal erosion. Describe and evaluate different coastal management strategies. Compare the effectiveness of hard and soft engineering methods. Design a coastal management plan for a specific area.	Describe and evaluate different coastal management strategies. Compare the effectiveness of hard and soft engineering methods. Design a coastal management plan for a specific area.	Comparative analysis, Planning and design, Critical evaluation

	3	Should managed retreat have been used in Fujairah?	Evaluate the use of managed retreat as a coastal management strategy. Analyze different stakeholders' perspectives on managed retreat. Debate the pros and cons of managed retreat in different scenarios. Propose alternative solutions to managed retreat.	Analyze different stakeholders' perspectives on managed retreat. Debate the pros and cons of managed retreat in different scenarios. Propose alternative solutions to managed retreat.	Stakeholder analysis, Debate and discussion, Critical thinking
	4	Should hard engineering have been used at Ras Al Khaimah?	Assess the use of hard engineering in Ras Al Khaimah and its impacts. Explain the geology of Ras Al Khaimah coast and evaluate hard engineering used there. Analyze the advantages and disadvantages of hard engineering. Propose alternative solutions for coastal erosion management.	Explain the geology of Ras Al Khaimah coast and evaluate hard engineering used there. Analyze the advantages and disadvantages of hard engineering. Propose alternative solutions for coastal erosion management.	Geological analysis, Comparative evaluation, Problem-solving
	5	What are the conflicts related to coastal management along the UAE coast?	Understand the conflicts arising from different coastal management strategies. Identify and analyze the views of different stakeholders. Evaluate the effectiveness of different coastal management strategies. Develop a mediation plan for conflicting stakeholders.	Identify and analyze the views of different stakeholders. Evaluate the effectiveness of different coastal management strategies. Develop a mediation plan for conflicting stakeholders.	Conflict resolution, Stakeholder analysis, Critical evaluation