

Annunciation Catholic Junior School: KNOWLEDGE  
ORGANISERS  
YEAR 5 COASTS



What? (Key Vocabulary)

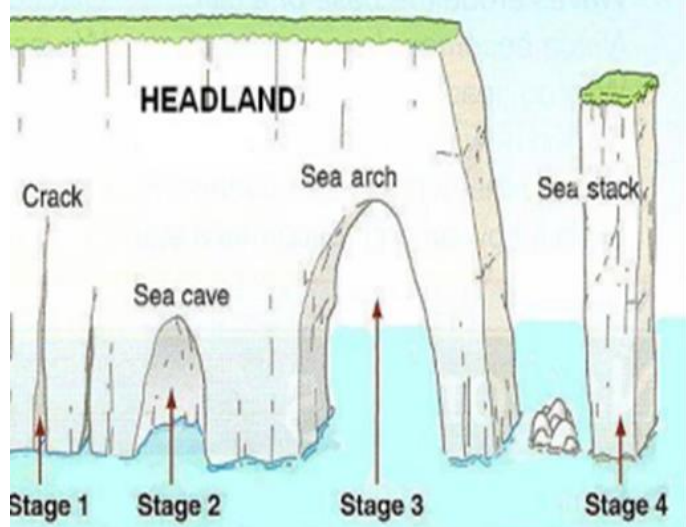
Spelling	Definition
Coast	The area where the land meets the sea.
Beach	A low-lying area where the land meets the sea, made up of fine, loose sediment.
Cliff	A high altitude area where the land meets the sea, made up of hard rock.
Erosion	The process where material is removed from the land.
Headland	An area of land protruding into the sea.
Bay	An area of sea protruding into the land.
Longshore drift	The process through which sediment is removed across a beach.
Ocean plastic	Plastic which has been littered and pollutes the sea and coasts.
Hydraulic action	The weight of a wave crashing on a cliff face, pushing the air in cracks and caves, under pressure, to force open the crack/cave.

Global issue: Ocean plastic and beach litter are a threat to many beaches and this is poisonous to habitats due to human activity.

What? (Key knowledge)

What are coasts?	Coasts are where the land meets the sea.
How are coastal features are formed?	The waves lead to hydraulic action and erosions of the land. The land is made up of different rocks, some hard and some soft, leading to bays and headlands. Further erosion leads to cracks, caves, arches, stacks and stumps.
Cliffs and headlands	These are types of erosion landform: Headland sticks out to sea, surrounded by water on three sides.
Ocean processes	Waves are created by the movement of air across the sea. Tides are created by the gravitational pull of the moon.
Maps	Use a range of maps, including OS, and aerial photographs to identify and describe coasts.
Land use and economy	Coastal areas attract tourism, and residential areas. Coastal erosion can threaten land use, and so beach protection measures, such as rock armour, groynes, and sea walls, are created.

Diagrams and Symbols



Possible experience

- Compare and contrast different coastal regions
- Model, using clay, the different coastal formations
- Model bays and headlands in the classroom with rocks and sand.
- Using maps and aerial photographs to describe coastal areas.
- Children debate and research methods of preventing coastal erosion.
- (School trip to the beach to identify landforms, if possible).