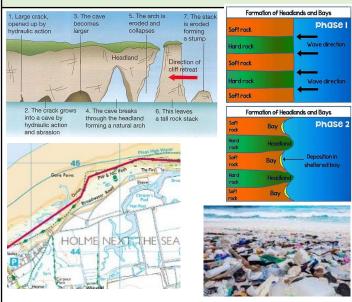
Spring Partnership Trust - Knowledge Organiser

Coasts

Year 3

autumn 1

What? (Key Knowledge)		
Ocean processes	Waves are created by the movement of air across the sea. Tides are created by the gravitational pull of the moon.	
How are coastal land forms formed	The sea's waves lead to hydraulic action and erosions of the land. The land is made up of different rocks, some hard some soft, leading to bays and headlands. Further erosion leads to cracks, caves, arches, stacks and stumps.	
What are coasts	Coasts are where the land meets the ocean. This can take different forms such as beach (sand, shingle, pebble) and cliffs.	
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.	
Maps	Children can use a range of maps, including OS, and aerial photographs to identify and describe coasts.	
Global issue	Ocean plastic, and beach litter. Beaches are becoming poisonous habitats due to human activity.	
Diagrams and Symbols		



What? (Key vocab)			
Spelling	Definition		
Coast	The area where the land and sea meet.		
Beach	A low lying area where the land meets the sea, made up of fine, lose sediment		
Cliff	A high altitude area where the land meets the sea, made of hard rock		
Erosion	The process where material is removed from the land		
Headland	An area of land protruding into the sea.		
Вау	And area of sea protruding into the land		
Longshore drift	The process through which sediment is moved across a beach.		
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		
Ocean plastic	Plastic which has been littered and pollutes the seas and coasts.		

Prior Knowledge

Land masses are surrounded by oceans and seas.

The name of the 5 main seas.

What the purpose of a map is.

How symbols are used within maps.

Knowledge of the UK and the 4 countries that it is made of.

Physical and human features