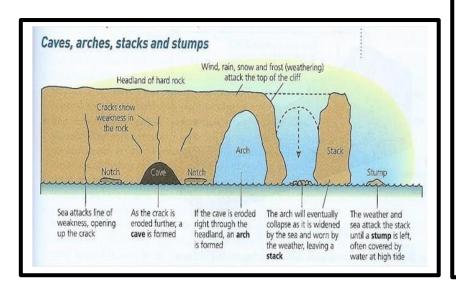


## Year 5 – Spring Term

## Is Britain's coastline disappearing?

## By the end of the unit I will know

- What the coast is and why coastlines are so varied.
- How to use a range of maps including OS and aerial photographs to identify and describe coasts.
- The effect of erosion including how features are formed as a result – caves, stumps and stacks.
- What coastal defences are and why they are used.
- The impact that the sea has on human activity.
- The effect of climate change on the coastline and coastal towns and villages.



## I should already know

- The effect of erosion and deposition on rivers.
- Key features of physical and human geography.
- What climate change is.
- How to use a map to identify land use.



Arch	A coastal feature formed when waves erode through a headland.
Bay	And area of sea extending into the land.
Cliff	A high altitude area where the land meets the sea, made of hard rock.
Coast	The area where the land and sea meet.
Current	The flow of water in a certain direction.
Deposition	When material being transported by the sea is dropped due to the sea
	losing energy.
Erosion	The wearing away of land by forces such as wind, water or ice.
Gabions	Large boulders piled up on the beach in steel cages to absorb the
	energy of the waves.
Groyne	A wall built into the sea from the seashore to create a beach by
	trapping sand carried by longshore drift
Headland	A part of the coastline that juts out into the sea and usually ends in a
	cliff.
Hydraulic action	The weight of a wave crashing on a cliff face, pushing the air into
	cracks and caves, under pressure, to force open the crack/cave.
Longshore drift	The process through which sediment is moved across a beach.
Revetments	Sloping structures built on shorelines along the base of cliffs to absorb
	the energy of the waves.
Sea defence	Measures put in place to prevent coastal erosion and longshore drift.
Stack	A detached pillar of rock separated from the mainland by erosion.
Tourism	The business of encouraging people to visit places where they do not
	live.
Transportation	The movement of eroded material up and down, and along the coast.