



# The UK and its Coasts | Geography theme | Year 3 & 4 | Summer 1 2021

Vocabulary (Goldilocks words)	
Landform	a natural feature of the earth's surface
Erosion	the wearing away and breaking up of rock by the sea
deposition	the process of soil and rocks being added to a landform
landslide	a collapse of a mass of land from a mountain or cliff
management	a way of controlling things or people
destination	the place where something or someone is being sent or where they are going
environment	where animals and plants live

UK Coast Destinations	
Brighton, East Sussex, England	Broadstairs, Kent
Bournemouth, Dorset, England	Portobello, Edinburgh, Scotland
Scarborough South Bay, North Yorkshire, England	Luskentyre, Western Isles, Scotland
Newquay, Cornwall, England	Tenby, Pembrokeshire, Wales
Formby, Sefton, England	Barmouth, Gwynedd, Wales
Bobbacombe Bay, Torquay, Torbay, England	Sandymouth, Bude, Cornwall, England

Sea caves are formed when waves erode the base of a cliff. They often start as a small crack in the rock. Sand and rocks carried by the waves also help to wear away the rock of the cliff face.



Natural arches are formed when there is a difference in the rate of erosion due to the varied resistance of bedrock. Sometimes the collapse of rock around a sea cave can produce an arch.



Stacks are formed when sea arches collapse, leaving a single pillar of rock standing. Stacks can collapse or become further eroded to a stump.

### Sea Walls

A seawall deflects energy away from the coast. They prevent erosion damage and flooding by absorbing the energy from the waves. Sea walls are expensive to build.



spray shoots up the sea wall

### Revetments

A revetment is a cheaper alternative to a sea wall. It is designed to absorb some of the energy from the waves but still allows water and sediment to pass through it.



spray and sediment pass through the revetment

### Groynes

Groynes are built at right angles along a beach. They prevent sand and sediment from moving along the shore. This builds up the beach which acts as natural protection against coastal erosion.



sediment collects against the groyne stopping it being removed from the beach

### Gabions

A gabion is a wire cage filled with rocks. The cages are stacked together against a cliff face or coast to help protect the area against erosion and weather damage.



spray and sediment passes through the gabion