

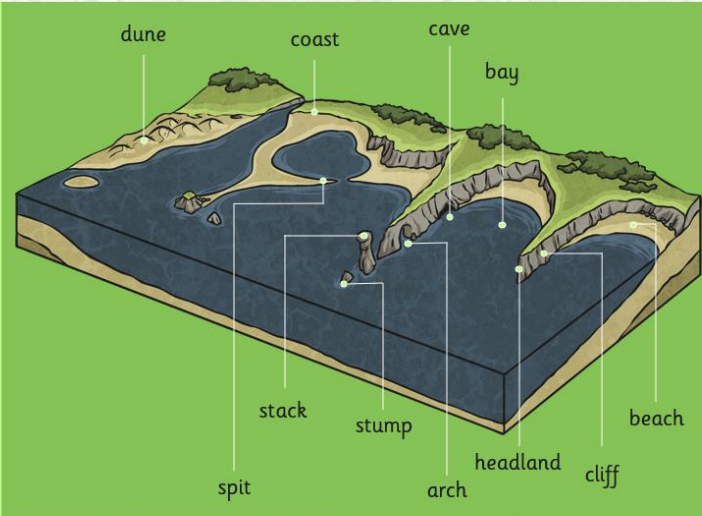
Y5 Features of a Coastline Knowledge Organiser



Features of Coastlines



coast
bay
headland
beach
dune
cave
cliff
arch
stack
stump
spit



Features of Coastlines



Bay and Headland

If a coastline is made of sections of harder and softer rock, these will erode at different speeds when attacked by waves.

Where the softer rock has eroded more quickly, bays form.

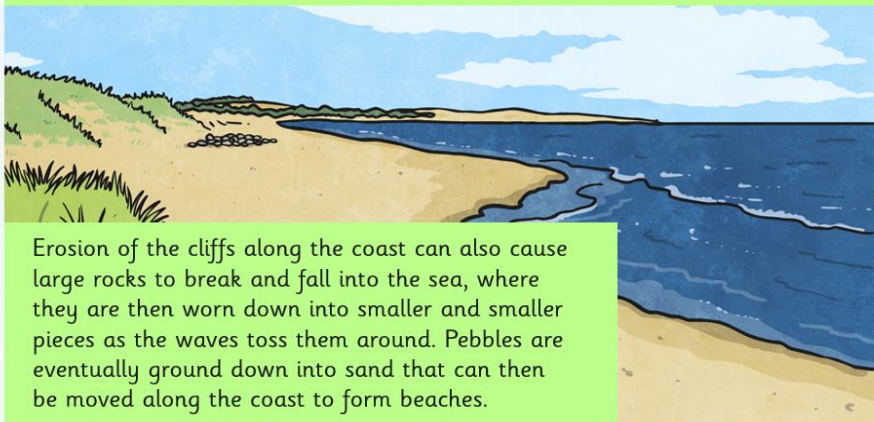
The harder rock erodes more slowly, and forms headlands surrounding bays.



Features of Coastlines



Most sand comes from mountains and is created by erosion. As the rock is eroded, it can get washed into streams and rivers and carried to the sea.



Erosion of the cliffs along the coast can also cause large rocks to break and fall into the sea, where they are then worn down into smaller and smaller pieces as the waves toss them around. Pebbles are eventually ground down into sand that can then be moved along the coast to form beaches.

Features of Coastlines



Beaches often form in bays where it is more sheltered and the sand is easily deposited.

Different beaches can be at various stages of erosion, leading to beaches made up of boulders, rocks, pebbles, shingle or sand.

Wind along the coast can blow sand inland, which, if obstructed, can then form piles of sand called dunes.

