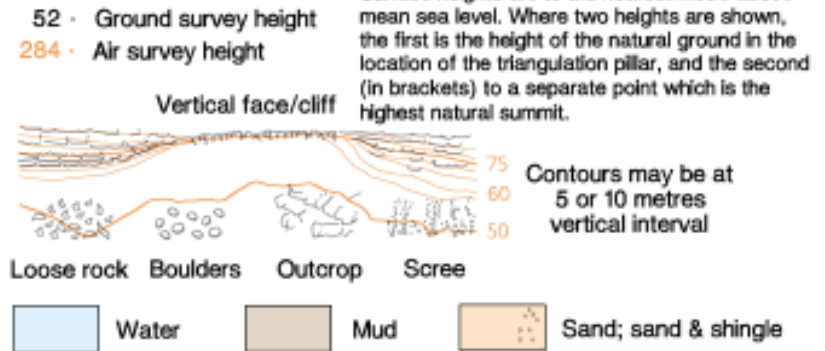


Features of Coastlines

HEIGHTS AND NATURAL FEATURES



Features of Coastlines

Bays and Headlands

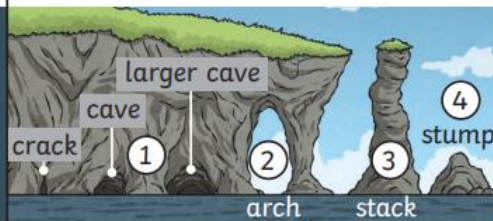
Where there is harder and softer rock, the softer rock will **erode** more quickly and can form bays. The harder rock **erodes** more slowly and can form headlands surrounding bays.



Arches, Stacks and Stumps

Softer or weak sections of the rock are **eroded** more easily.

1. Over time, waves cause cracks to open forming caves.
2. If a cave forms in a headland, it may break through causing an arch to form.
3. The top of the arch can weaken and may collapse into the sea leaving a stack.
4. Over time, the stack will **erode** leaving a small stump of rock.



Spits

Formed by **deposition**.

1. The tide carries **eroded** material along the coastline.
2. **Deposits** form a long, thin sandy area of land.
3. Changing winds may cause the spit to form a hook shape.
4. Mud flats develop on the inland side of the spit.

