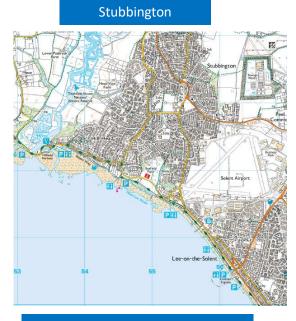


# Coasts Knowledge Organiser



## **Grid References**

A map is criss-crossed with horizontal and vertical lines that create a grid.

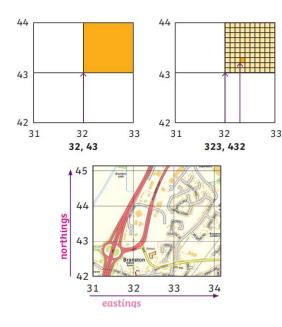
• The grid and squares help to narrow a search area so you can locate features on a map.

• Usually, the lines are numbered with two digits.

• Easting and northing numbers are put together to create a four digit grid reference, e.g. (32,43), which refers to the bottom left corner of a square on the map.

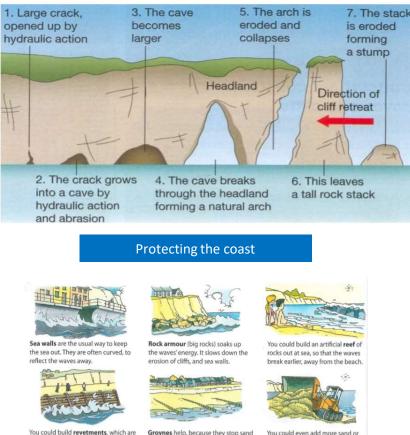
• Grid references can be even more specific by adding an extra digit to both the easting and northing numbers.

• These six-digit grid references, e.g. (323,432), tell us more precisely whereabouts in the square something is.



Key vocabulary	
Erosion	The process by which the coastline gets worn
	away and moved elsewhere.
Hydraulic action	The power of the wave forces water and air into cracks in the rock. This pressure forces fractures in rock to split apart. Over time, this creates faults and notches which get bigger
Abrasion	The waves pick up rocks from the sea and throw them against the cliffs. Over time, this rubs and smooths the rock, like using sandpaper
Coast	The area where the land meets the sea
Beach	A low-lying area where the land meets the sea, made up of fine, loose sediment
Headland	An area of land protruding into the sea
Вау	A large body of water in the land next to a sea or lake between two headlands
Grid references	The numbered squares on a map used to locate a place.
Easting	The numbers used in a grid reference that run west to east.
Northing	The numbers used in a grid reference that run south to north
Ordnance Survey maps	Detailed maps of Great Britain where each square represents 1km squared (1km <sup>2</sup> ).

### Landforms created by erosion



being carried away. Sand absorbs some of the waves' energy.

a bit like fences. The waves batter them instead of the cliffs.

You could even add more sand o shingle to a beach, to build it up. This is called beach nourishment