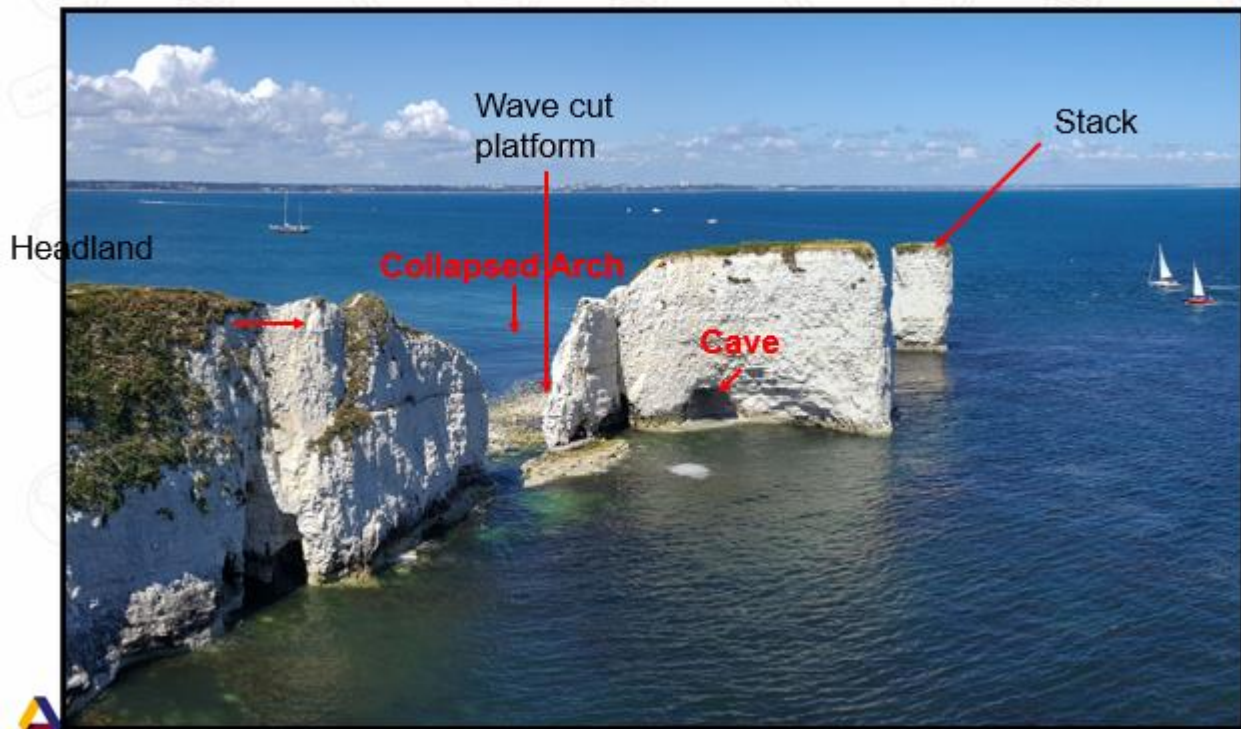


## Landforms Created by Erosion

Can you identify cliffs, crack, cave, arch, stack, stump



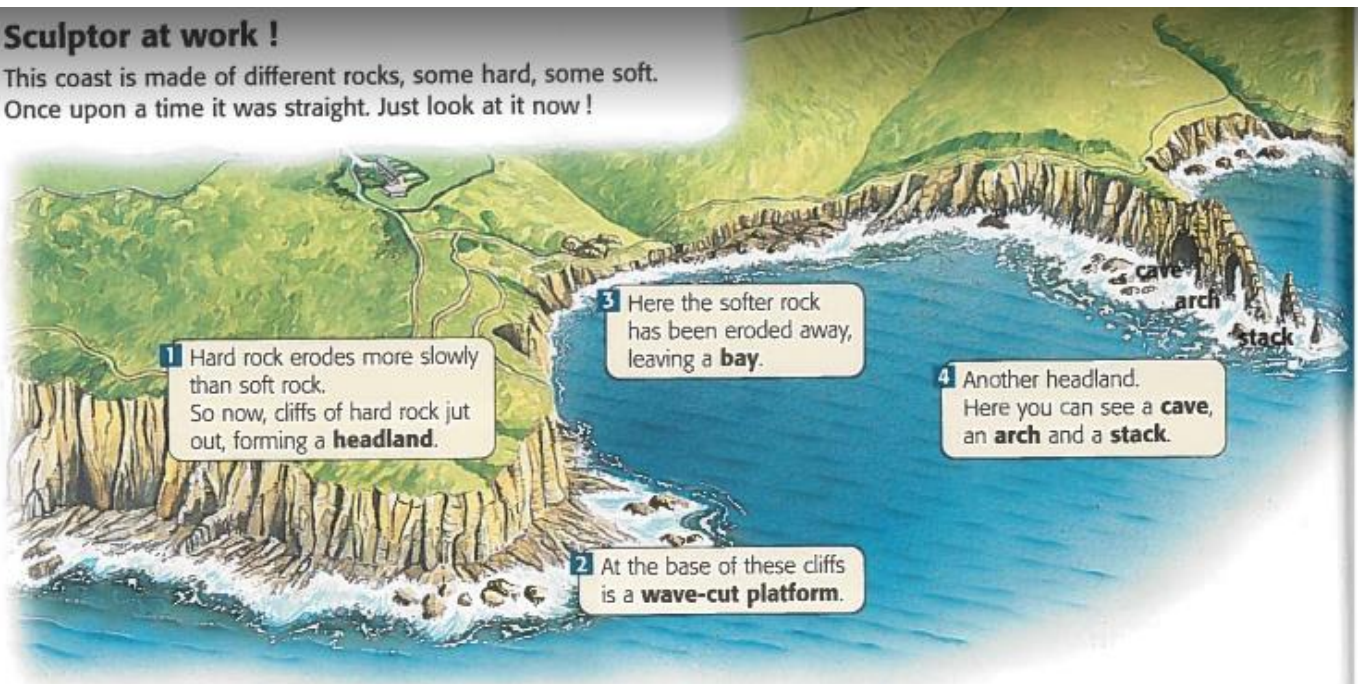
Label 4 features of erosion (4)





## Sculptor at work !

This coast is made of different rocks, some hard, some soft. Once upon a time it was straight. Just look at it now !



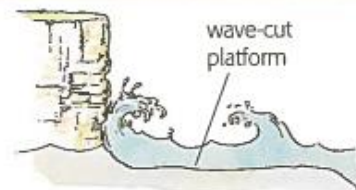
### How a wave-cut platform forms



1 The waves carve **wave-cut notches** into cliffs at a headland. These get deeper and deeper ...



2 ... until, one day, the rock above them collapses. The sea carries the debris away.



3 The process continues non-stop. Slowly the cliffs retreat, leaving a **wave-cut platform** behind.

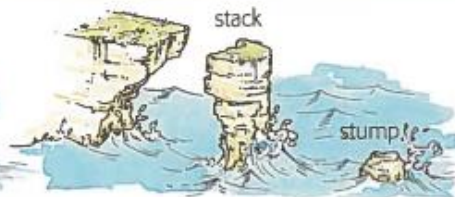
### How caves, arches and stacks form



1 The sea attacks cracks in the cliff at a headland. The cracks grow larger – and form a **cave**.

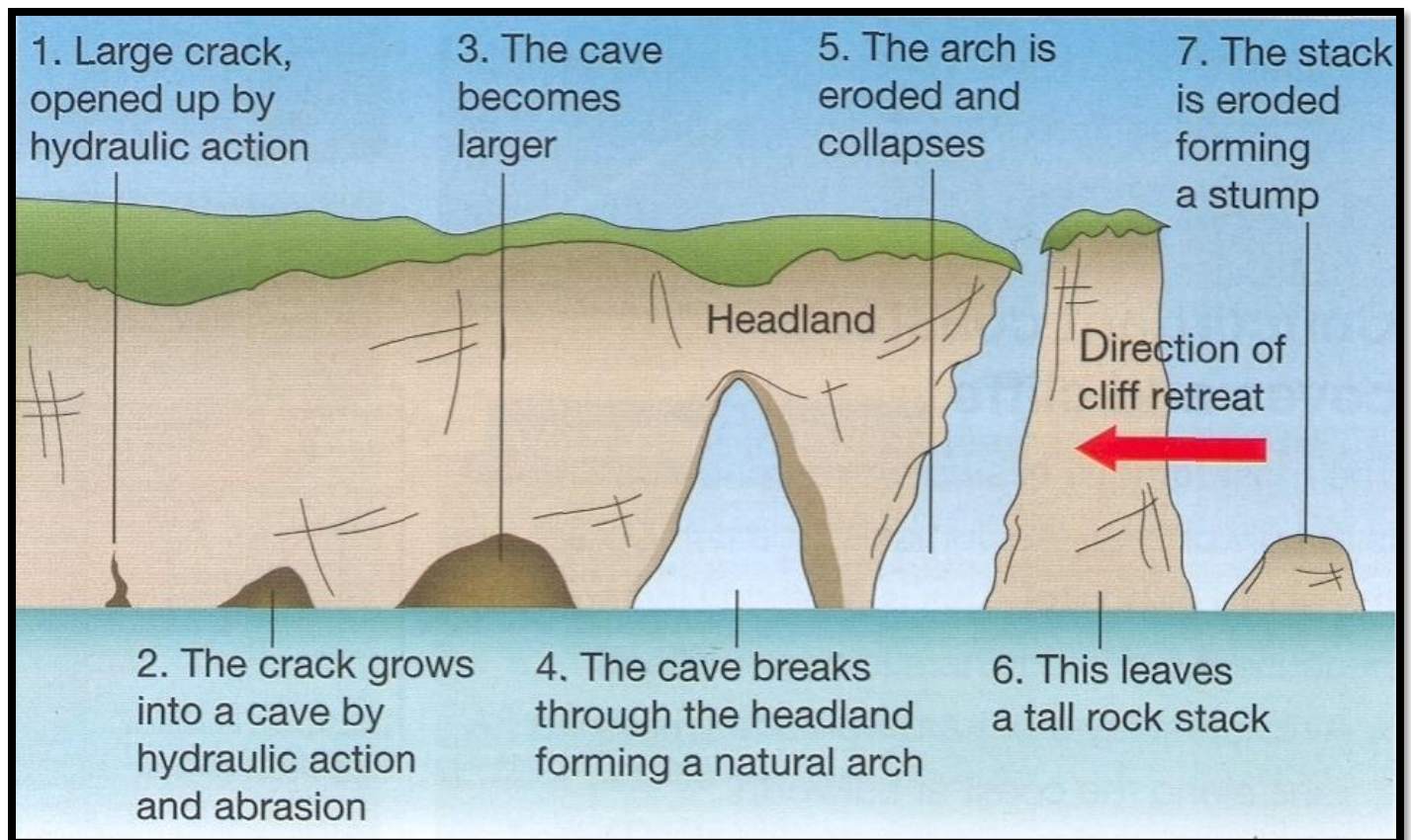


2 The cave gets eroded all the way through. It turns into an **arch**. Then one day ...



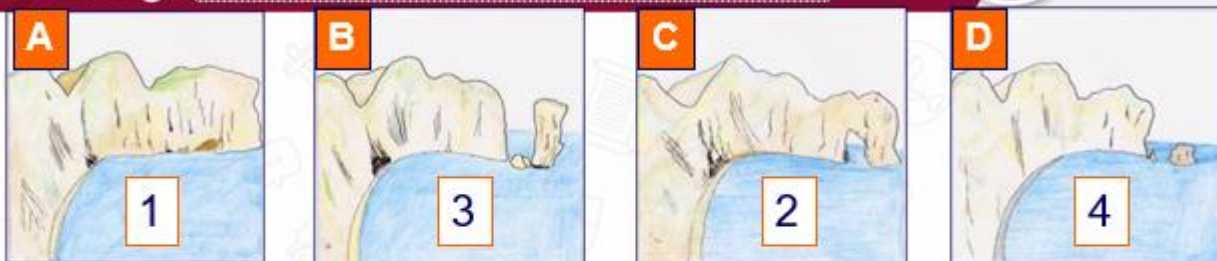
3 ... the arch collapses, leaving a **stack**. In time, the waves erode the stack to a **stump**.





Match the image with the most appropriate label

**Challenge** Insert title here



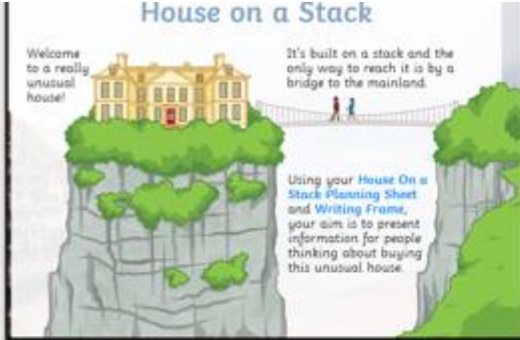
1. The waves erode **FAULTS** (cracks) in the headland.

2. The waves eventually erode through the headland to form an **ARCH**.

3. The arch becomes unsupported and collapses to form a **STACK**.

4. A **STUMP** is formed from the collapsed stack.

## House on a Stack



Imagine you work for **Jurassic Coast Estate Agents (Dorset)**. You have been asked to sell yet another house – but this one is on a stack! Write an advert to get house-buyers interested, using the guides below.

### Estate Agent Tip Box

- Use ICT / or draw by hand the house for sale.
- Invent what it's like inside – and the price!
- Add labelled images and a heading
- Tell customers the history of the stack – go back to when it was joined to the land.
- Explain what a stack is and the processes of erosion forming it.
- Use persuasive language to get people interested
- Put buyers at ease – Dorset has hard rock cliffs – erosion is slow!