internet geography

Coasts

Revision Boost

Coastal Processes

Define:

Wave

Constructive wave

Destructive wave

Produce an annotated diagram of a wave

Identify the characteristics of constructive and destructive waves

Constructive waves	Destructive waves

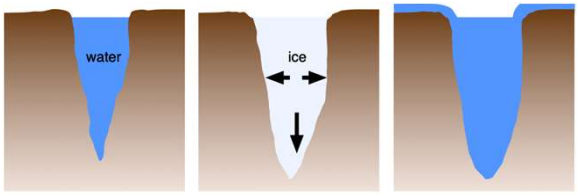
Define:

Weathering

Chemical weathering

Mechanical weathering

Explain – Freeze-thaw weathering

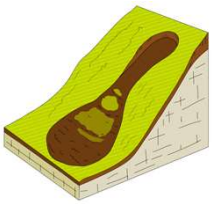


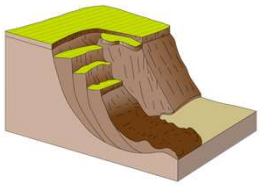
Coastal Processes

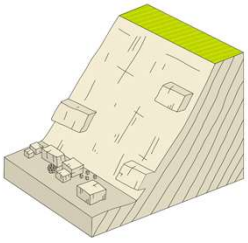
Outline the processes of weathering

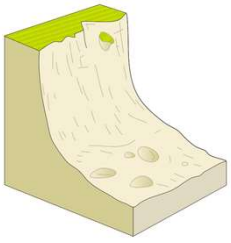
Chemical weathering	Mechanical weathering
Carbonation	Salt weathering
Hydrolysis	Freeze-thaw
Oxidation	

Identify each processes of mass movement and add annotations





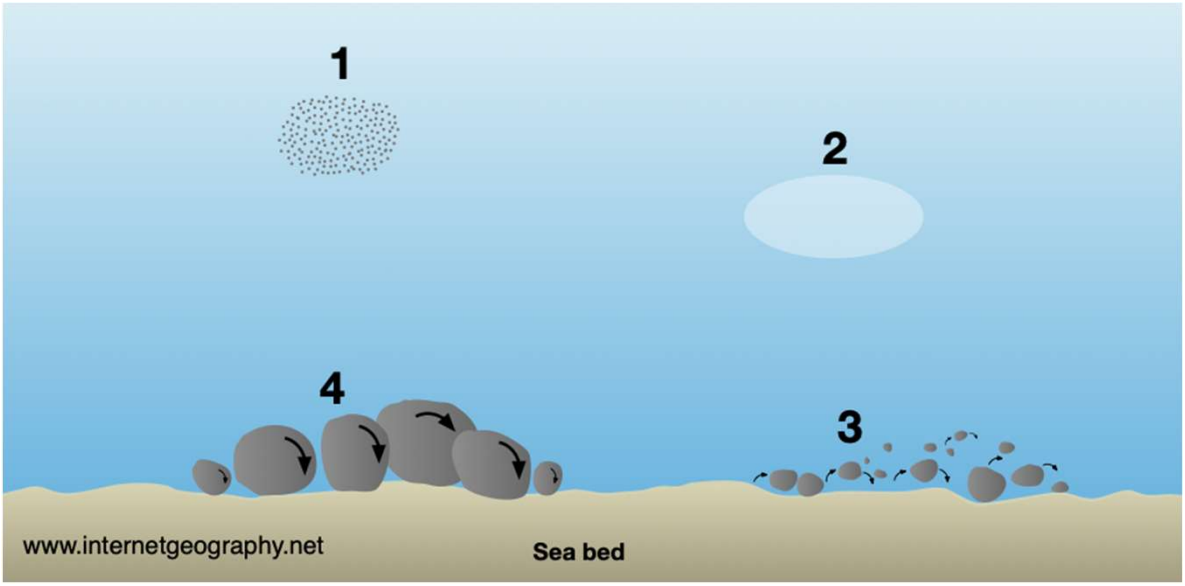




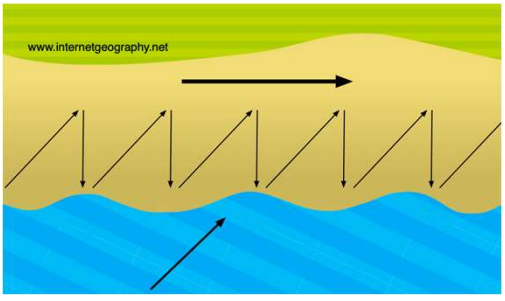
Coastal Processes

Define:	Describe three processes of erosion
Coastal erosion Coastal transportation Coastal deposition	

Identify each processes of transportation and describe it.

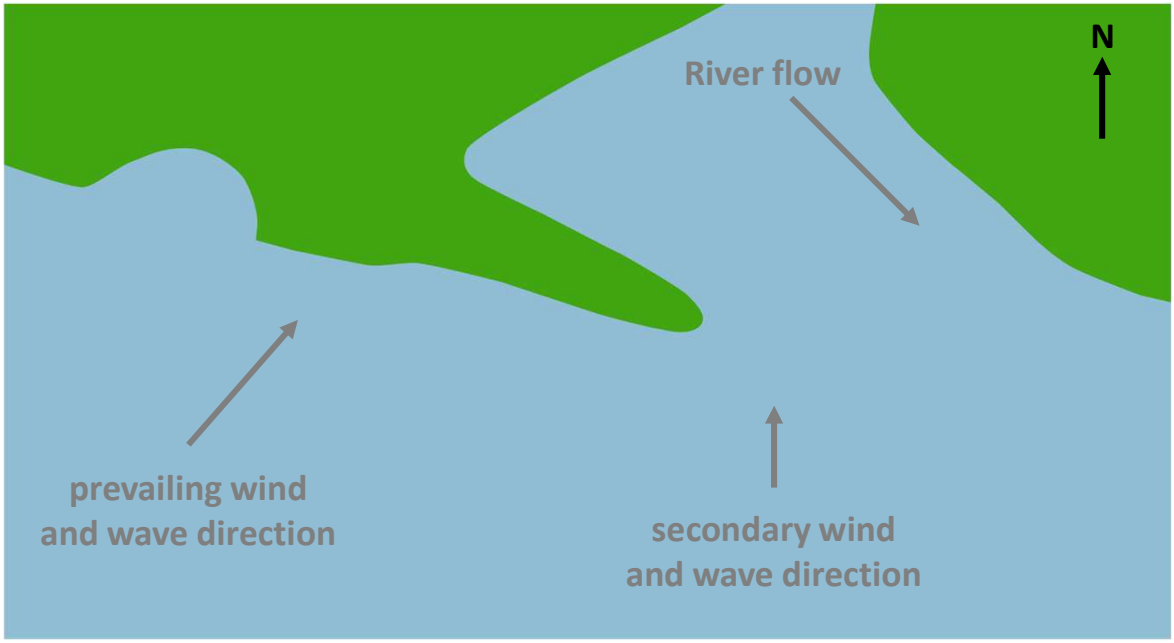


Annotate the diagram to explain longshore drift.



Coastal Processes

Identify where deposition is likely to occur along this stretch of coastline. Justify (give reasons for) your answer(s).

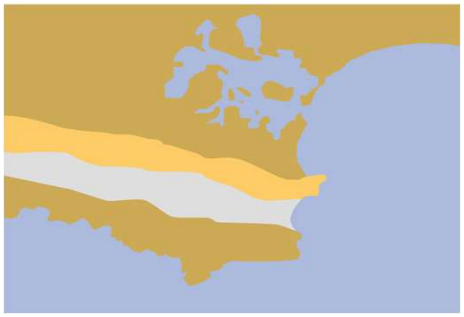


Geology

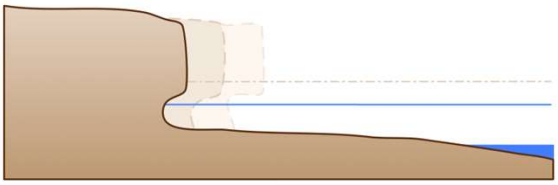
Rock type and geological structure

_____ can affect coastal landscapes and landforms in two ways.
Rock type – rocks vary in strength and resistance to _____. Hard, resistant rock such as _____ with stand erosion to form tall cliffs and coastal h_____. Weaker, _____ rocks such as _____ are more easily eroded to for low cliffs or _____.
Geological structure – this is to do with the how rocks are arranged and whether the layers (b_____) have been folded or f_____. If layers of rock are horizontal then a stepped profile is likely. If the rocks are dipping vertically, a steep _____ face is likely.

Annotate the map to show how bays and headlands form

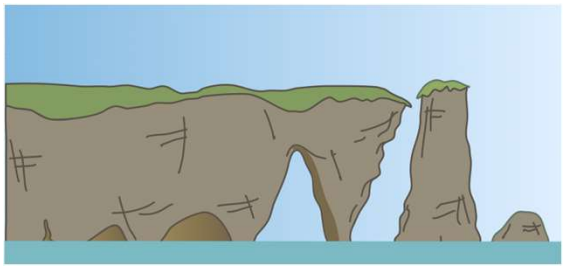


Explain the formation of a cliff and wave cut platform.



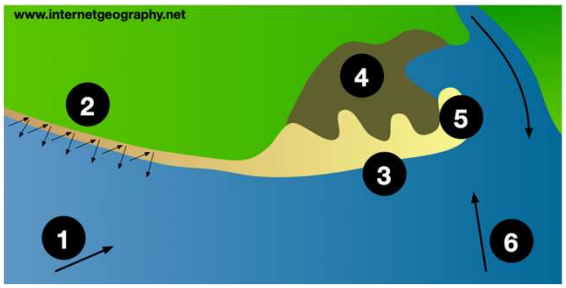
1.	1.
3.	4.

Annotate the diagram to explain the formation of a stump



Landforms of Deposition

Using the diagram explain the formation of a spit.



1.

2.

3.

4.

5.

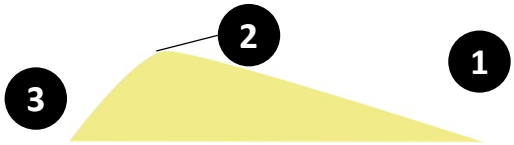
6.

Identify the characteristics of a sandy and pebble beach.

Sandy beach

Pebble beach

Explain the formation of a sand dune.

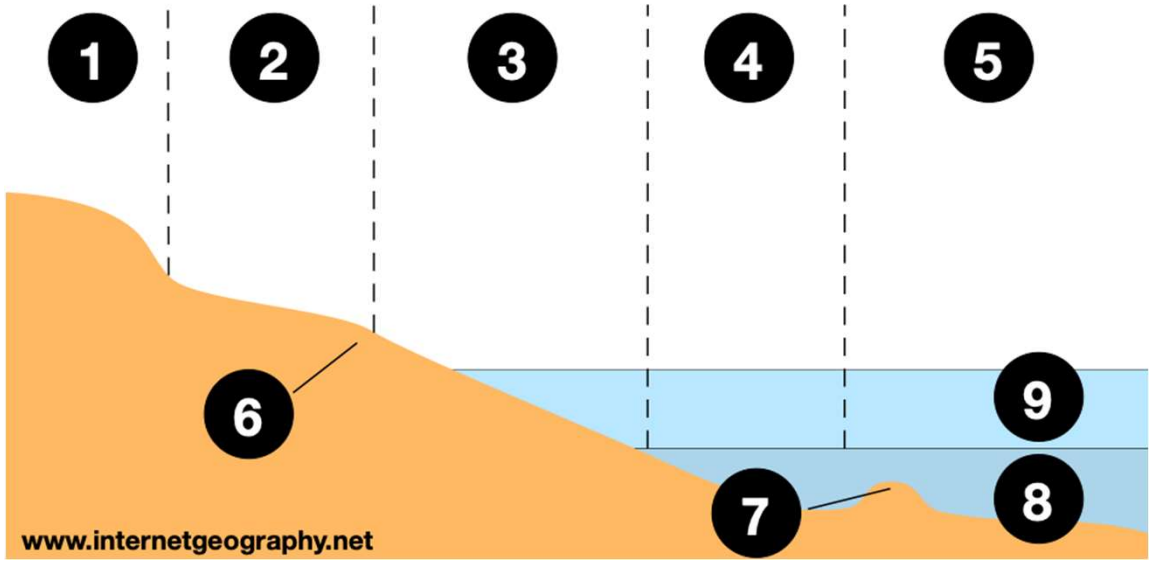


1.

2.

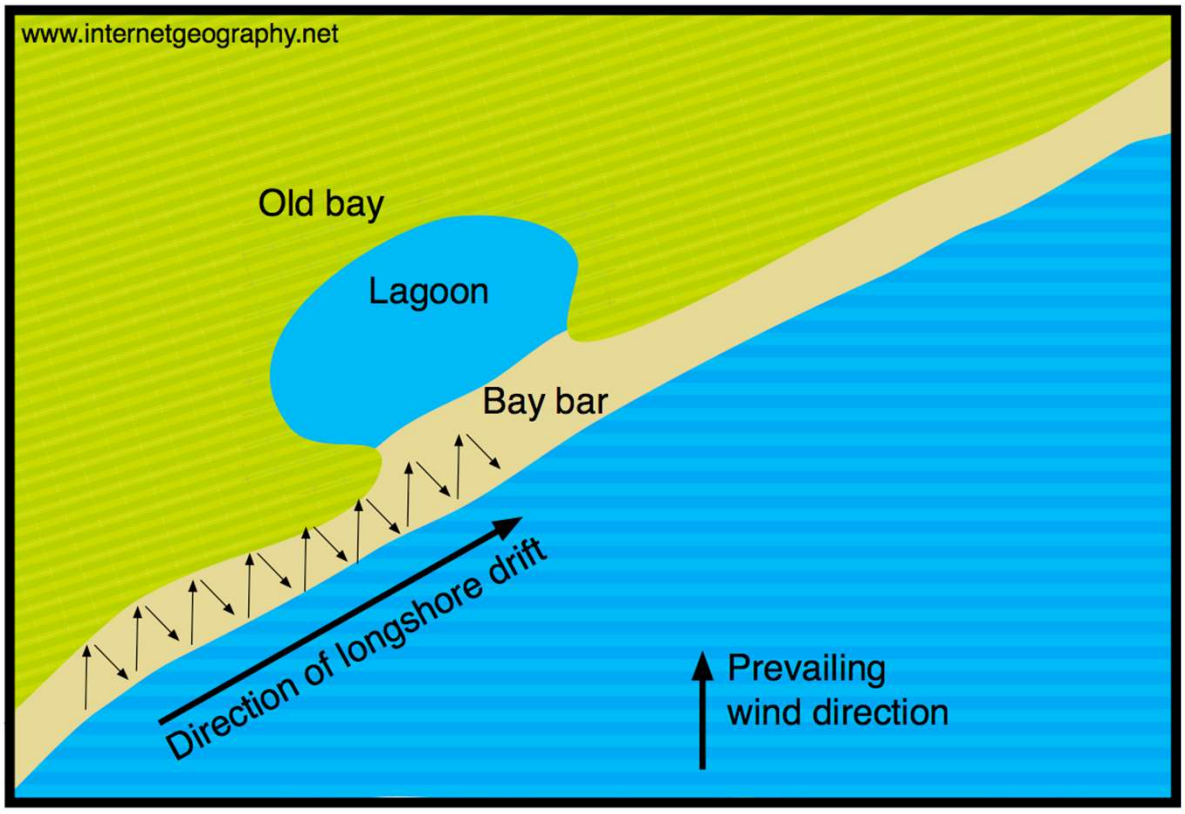
3.

Identify the main characteristics of a beach



Landforms of Deposition

Explain the formation of a bar.



Coastal Management

Identify advantages and disadvantages of each hard engineering technique.

	Advantages	Disadvantages
Sea walls	social economic environmental	social economic environmental
Groynes	social economic environmental	social economic environmental
Rock armour	social economic environmental	social economic environmental
Gabions	social economic environmental	social economic environmental

Coastal Management

Identify advantages and disadvantages of each soft engineering technique.

	Advantages	Disadvantages
Beach nourishment	social economic environmental	social economic environmental
Beach reprofiling	social economic environmental	social economic environmental
Sand dune regeneration	social economic environmental	social economic environmental
Managed retreat	social economic environmental	social economic environmental

Coastal Management

Complete the case study below for your example of coastal management.

Case study of coastal management: _____

Reasons for management	
Management strategy	
Effects	
Conflicts	

Interactive Revision

Check out the interactive flashcards, multiple-choice quizzes and short answer questions on internetgeography.net