

AS Coasts: A Brief Revision

Constructive Waves

Destructive Waves

What is weathering?

Freeze thaw:

Exfoliation:

Chemical Weathering:

Coastal Erosion	
Hydraulic Power	
Corrasion	
Abrasion	
Attrition	
Solution	

Mass Movement	
Rockfall	
Landslide	
Mudflow	
Rotational Slip	

What is a headland?

What is a bay?

How are headlands and bays formed?

What is a wave cut platform?

Caves, Arches, Stacks and Stumps:

How are they formed?

Example:

1)

2)

3)

4)

5)

6)

Transportation

Traction

Saltation

Suspension

Solution

Longshore Drift Diagram:

What is deposition?

Sandy Beaches

Shingle Beaches

What is a spit?

What is a bar?

Formation of a spit:

Formation of a bar:

Why are sea levels rising?

Land form of submergence

Land form of emergence

Impact of Rising Sea Levels & Coastal Flooding – Case Study

Location	
Characteristics of area	
Economic Problems	
Social Problems	
Politics Problems	
Environment Problems	

Coastal Erosion and Management - Case Study

Location	
Cause	
Characteristics	
Problems	
Solutions	
Benefits	
Costs/Sustainability	

Coastal Management

What are hard schemes?

What are soft schemes?



