Foxford Learning Plan

YEAR 10

Topic: Physical Landscapes in the U.K.

Summer

Key Vocabulary

Abrasion	
Attrition	Erosion caused when rocks and boulders transported by waves bump into each other and break up into smaller pieces.
Chemical weathering	
Deposition	
Hard Engineering	
Longshore drift	The zigzag movement of sediment along a shore caused by waves going up the beach at an oblique angle (wash) and returning at right angles (backwash). This results in the gradual movement of beach materials along the coast.
Transportation	
Flood	
Floodplain	More than one country. Many TNCs are large and have well-known brands.

Key Skills

Over the course of the topic, I will be able to: -

- Use annotated photographs to explain the concepts (headlands/bays; soft/hard coasts)
- Introduce the idea of 'virtual' fieldwork using Google Earth and related photographs/OS map.
- Undertake an opportunity for fieldwork related to measuring processes or consideration of the relative significance of different processes
- Describe techniques used to reduce risk and assess their effectiveness
- Consider an area that has recently been affected by flooding and discuss the potential strategies that might be used to reduce flood risk.



I will Understand

1. What happens when waves reach the coastline?
2. How do physical processes affect the coast?
3. How can the coastline be managed?
4. How do processes shape river landscapes??
5. How can flooding be managed?