Year 7
Subject: Geography
Topic/Unit: Life on the Edge (Coasts)
When: HT4

Huntington School
Learn and succeed

Overview: This topic introduces students to the processes of erosion, transportation and deposition and how these have an impact on our coastline. Students think about how these natural processes can affect humans and how we can best manage our coasts in a sustainable way.

Why this? Why now? Students have so far been introduced to the idea that the planet is dynamic and that the human and natural features are liked; this is an opportunity for them to focus more closely on how exactly physical processes can shape both the natural landscape and the lives of people.

Building on…building to: This builds on the geology unit in HT3 in which students looked at how different rocks are weathered and eroded. It builds towards the rivers and ice topics in Year 9 in which students again have to look at how erosion, transportation and deposition shape our landscapes and can create issues for humans. Coasts and rivers are revisited in KS4 where students look at these issues in more detail.

Sequence summary:

- Erosion, Transportation, Deposition
- Erosional Landforms
- Depositional landforms
- Impacts of erosion
- Coastal management
- Coastal management DME

Key Vocabulary:

- Erosion, transportation, deposition – the processes shaping the landscape
- Landform – a shape or feature in the landscape
- Longshore drift – the movement of sediment along the coastline
- Hard and Soft engineering – manmade and natural ways of managing the coast

Assessments: Regular recall and retrieval tasks on whiteboards throughout each lesson to check understanding and dispel misconceptions. End of unit knowledge based test.

Able and interested: Visit the RGS website and read some of the articles and information about coastal erosion in the UK. Visit coastal towns like Scarborough and Hornsea and see if you can identify any coastal management techniques.

Inclusion, Personal Development and Wider Skills: Tasks are scaffolded to build confidence. Students are introduced to and given the opportunity to practise a range of skills such as map reading, interpreting photographs and using graphs. Students are encouraged to think thoughtfully about the lives of others and how they may be impacted by natural events.

Homework and Independent Learning: Homework is set fortnightly from a bank of options designed to fit alongside the topic. Homework tasks are designed to cover a variety of options, some of which are more creative. Students can challenge themselves to have a go at some more challenging tasks, as well as some more scaffolded tasks.