Year 7
Subject: Geography
Topic/Unit: Geology Rocks
When: HT3

Huntington School
Learn and succeed

Overview: Students are introduced to a physical geography topic which explores how natural processes shape the features of the world around us. Students look at how different rock types have led to different types of scenery and think about how these have changed over time.

Why this? Why now? Students will be going on to look at the key processes of erosion, transportation, deposition in future KS3/4 and 5 topics and these cannot be understood without a grounding in the different geological structures in different areas.

Building on…building to: This topic will build on KS2 work done in primary school about the rock cycle and will link to virtually all physical geography topics in KS3/4/5 such as coasts, rivers and glaciation. It also links to human geography topics such as resource management at KS4, as geology has an impact on available water resources.

Sequence summary:

- Geological time
- Geological time and scale
- The rock cycle
- Rocks and their uses
- Weathering
- Karts Scenery
- Mass movement

Key Vocabulary:

- Igneous, Sedimentary, Metamorphic – different rock types
- Weathering – physical, biological, chemical breakdown of rocks
- Karst – distinctive limestone scenery

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 Saltwick Bay or Robin Hoods Bay to see if you can find some fossils from the Jurassic era.

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.

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.