



Topic Overview

Faculty/Subject: Geography

Year Group: 7

Topic: How rocks and Ice formed the UK



What **BIG IDEAS** will you cover in this topic?

The concept of geological time. This is the concept around rocks and their formation is based around. The understanding that the Earth is billions of years old and we have been around for some of this time.

The formation of a glacier and how it has shaped the land around us to help in the formation of hills and valleys which we live in.

What other key concepts, knowledge and skills will you learn in this topic?

The main rock types and how they are formed through the rock cycle

The types of glacial landforms which we can see in the UK which is evidence that glaciers were once here.

Using pictures to identify glacial features from a landscape.

What important prior knowledge will you use from your prior learning?

This is dependent on what was covered at primary school. Some knowledge of the rock cycle or glaciers would help but it will be recapped in this topic. Knowledge of the continents and oceans. Use of a map to identify and describe locations.

Where does this topic fit into the curriculum plan for this subject?

This is the second topic in year 7. It is the first physical geography topic they will complete.

Assessment:

How and when will you be assessed on this topic? What will the success criteria be?

- Written task - formation of a glacier. Understanding the stages involved and learning how to write like a geographer with the stages involved with its formation.
- End of topic assessment - testing knowledge from the topic and the processes learnt.

It will cover:

- The types of rocks and the rock cycle
- Geological time
- Types of ice
- Glaciers - formation

What is the key vocabulary that you will need to know in this topic?

Igneous
Metamorphic
Sedimentary
Glacier
Ice sheet
Ice cap
Ice age
Corrie

What is the structure of learning/ lessons in this topic?

1. Rock Types & Rock Cycle
2. Geological timescales
3. Types of Ice
4. Glacier and corrie formation
5. Glacial landscapes (tourism)