



Topic Overview

Faculty/Subject: Geography

Year Group: 8

Topic: Fieldwork - Microclimate Study



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

We will be covering the different stages involved in a geographical fieldwork study. We will also be covering why we conduct geographical fieldwork in the first place by conducting a microclimate study in the school grounds.

Students will gain an understanding of what a microclimate is and how it can impact the conditions of a particular area.

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

Students will continue to develop their skills of reading a map by using a site map to identify points they need to visit and record information.

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

Students will need to know what climate means to be able to apply it to microclimate. They will also need to understand what the stages are for a fieldwork study.

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

This is the sixth and final topic in year 8 and it is their fieldwork topic for the year. It will help recap all aspects of fieldwork and introduce them to new equipment they will have not used before.

Assessment:

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

Written question - Students will complete a written conclusion and evaluation from the fieldwork they complete. This will highlight their ability to take data/ information and interpret meaning from it.

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

Planning
Hypothesis
Method
Risk Assessment
Data collection
Data presentation
Conclusion
Evaluation
Microclimate
Hygrometer
Thermometer
Anemometer

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

1. Planning, Method and risk assessment
2. Data collection
3. Data presentation
4. Analysis , Conclusion and Evaluation