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| **Unit = 7b** Microclimate fieldwork enquiry | **Learning Journey**  |
| The aims are:**LG1**: KnowledgeWhat are microclimates, the enquiry model for fieldwork. Devising hypothesesCollecting fieldwork data, Presenting and Analysing data. Conclusions and evaluations to a fieldwork project.**LG2**: ApplicationInvestigate factors affecting the microclimate at OWS. Apply learning to advise on suitable locations for new school equipment.. **LG3**: Skills Measure and record microclimate data, present data. Collaborative working. |  My target grade=My strengths from the last topics=My areas to improve=Assessment results this topic= | Topic specific key terms:Qualitative dataQuantitative dataShelterSurfacesTemperatureWind directionWind roseWind speedWind tunnel effectAnalysesFieldworkGraphHypothesesHypothesisLightsLocalMethodMicroclimatePrecipitationAnalysisAspectCompassConclusionData collectionData presentationEnquiryEquipmentEvaluation |
| **Themes** | **Learning Goals/Outcomes/Content** |  |  |  |
| 1What are microclimates? | LG1Understand concept of microclimate. |  |  |  |
| 2 How do we make Hypotheses and plan data collection? | LG2 Devise hypotheses to test how microclimate varies around school. |  |  |  |
| 3Fieldwork and data collection | LG2Use equipment to collect data about microclimates. |  |  |  |
| 4 and 5 and 6 Fieldwork write up and peer assessment | LG 1 2 3Write a report about our microclimate investigation using the enquiry model.Apply success criteria. |  |  |  |
| Review and reflect |

**Links:**

KS2: Students at primary school whilst learning geography should have used fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Links to other KS3 units: Weather and climate. Urbanisation. Other fieldwork- Yr 7 Flood risk fieldwork enquiry, Yr 9 What are attitudes towards climate change enquiry, and Yr 7 The economy fieldwork enquiry.

 Links to KS4 GCSE units: Fieldwork part of Paper 2 exam. Enquiry skills assessed on Paper 2- both seen and unseen theoretical fieldwork. Analysis and data handling skills occur throughout GCSE geography.

Links to KS5 A level units: NEA projects worth 20% of A level