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| **Unit = 7b**  Microclimate fieldwork enquiry | **Learning Journey** | | | | |
| The aims are:  **LG1**: Knowledge  What are microclimates, the enquiry model for fieldwork. Devising hypotheses  Collecting fieldwork data, Presenting and Analysing data. Conclusions and evaluations to a fieldwork project.  **LG2**: Application  Investigate 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 data  Quantitative data  Shelter  Surfaces  Temperature  Wind direction  Wind rose  Wind speed  Wind tunnel effect  Analyses  Fieldwork  Graph  Hypotheses  Hypothesis  Lights  Local  Method  Microclimate  Precipitation  Analysis  Aspect  Compass  Conclusion  Data collection  Data presentation  Enquiry  Equipment  Evaluation | | | |
| **Themes** | **Learning Goals/Outcomes/Content** | |  |  |  |
| 1  What are microclimates? | LG1  Understand concept of microclimate. | |  |  |  |
| 2  How do we make Hypotheses and plan data collection? | LG2 Devise hypotheses to test how microclimate varies around school. | |  |  |  |
| 3  Fieldwork and data collection | LG2  Use equipment to collect data about microclimates. | |  |  |  |
| 4 and 5 and 6  Fieldwork write up and peer assessment | LG 1 2 3  Write 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