



Geography Fieldwork



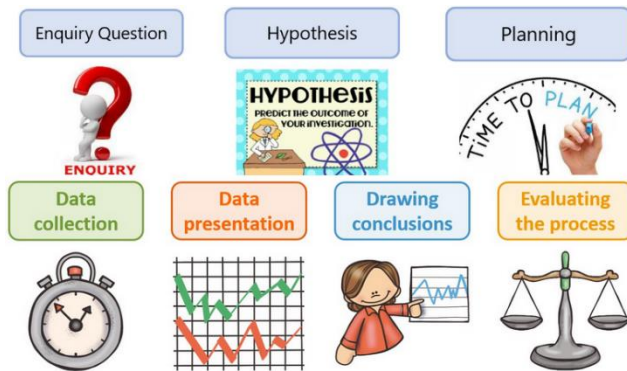
What should children already know?

- United Kingdom: **England, Scotland, Northern Ireland** and **Wales**.
- UK capitals: **London** (England), **Edinburgh** (Scotland), **Belfast** (Northern Ireland) and **Cardiff** (Wales).
- There are five oceans: **Pacific, Atlantic, Indian, Southern, Arctic**.
- The seven continents: **Antarctica, Asia, Australasia, Europe, Africa, North America, South America**.
- The Earth has 3 layers: **crust, mantle** and **core**.
- **Alfred Wegener** believed the continents and ocean floors “float” on **moving rock plates** and have been drifting for millions of years. This theory is called **plate tectonics**.
- 3 types of major plate boundary movements: transform, convergent and divergent.
- A volcano is an opening in the Earth’s crust from which molten lava, rock fragments, ash, dust and gases are ejected from below the Earth’s surface.

Planning Your Fieldwork

Geography Fieldwork Planner

Enquiry Question																																		
Hypothesis																																		
Planning What equipment will I need?	Fieldwork Location South Site																																	
How will I collect my data?	Study Site Map																																	
When will I collect my data?																																		
DATA - Draw your data or photos below. This could be a map, a line graph, tally chart, pie chart or table.	Present and Analyse Data - My data:																																	
<table border="1"> <thead> <tr> <th>Date</th> <th>Time</th> <th>Event</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date	Time	Event																															My data shows that:
Date	Time	Event																																
Conclusions Based on the data, I observed that:	Evaluation If I did this enquiry again, I would:																																	
IF OUR RESULTS ARE HAVING AN IMPACT ON OTHERS OR THE ENVIRONMENT, WHAT ACTIONS COULD YOU TAKE?																																		



Key Vocabulary

Data	facts and statistics collected to be analysed
Field Sketch	a simplistic drawing of a location drawn during fieldwork
Observe	noticing and learning information from something
Compass	a tool which helps with direction
Cardinal Points	four main points on a compass: north, east, south and west

Beginning your investigation

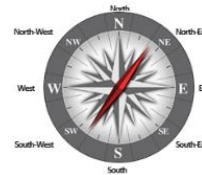
When you carry out your fieldwork investigation, you need to:

- Be prepared.
- Remember how to stay safe.
- Remember your plans, but be ready to change them if you need to.
- Record your findings carefully.

Fieldwork equipment:

Compasses

There are 8 points of a compass: North, North-East, East, South-East, South, South-West, West and North-West.



Field Guides



Quadrats



How should you carry out your investigation?

After you have researched and planned your fieldwork, it's time to carry it out. Here are some tips:

- Remember to take all the **tools** and **equipment** you will need.
- Keep in mind the plan you have made, but be prepared to change or adapt it in case something unexpected happens.
- Make sure you wear sensible footwear and clothes, stay visible by wearing something bright and be prepared in case the weather is cold or wet.
- Whilst carrying out your fieldwork, you need to **take photographs** or make **labelled sketches** of the place. This will help you remember what you have seen.

Objectives

- Children will use the 8 points of a compass.
- Children will use simple fieldwork and observational skills to study the weather conditions on their school grounds.
- Children will collect, record, present and analyse weather data.
- Children will evaluate their fieldwork.