



# Geography Fieldwork



## What should children already know?

- Stages of the Water Cycle: **evaporation** and transpiration, **condensation**, **precipitation**, surface run off, infiltration and accumulation.
- Parts of a river: source, waterfall, meander, Oxbow Lake, tributary, confluence, flood plain, delta, estuary, mouth, upper course, middle course and lower course.
- Countries in South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, and Venezuela
- Countries in North America: United States, Canada, Mexico, Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Antigua and Barbuda, Bahamas, Barbados, Cuba, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago.
- The Grand Canyon was formed primarily by the Colorado River carving through the Colorado Plateau over millions of years (downcutting) and also by tectonic uplift and erosion.

## Beginning Your Investigation

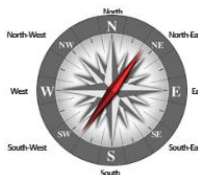
When you carry out your fieldwork investigation, you need to:

- 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



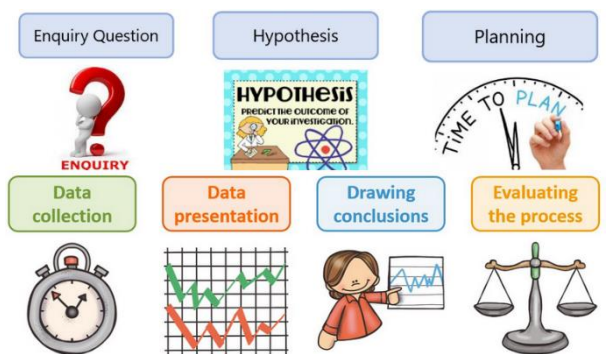
#### Quadrats



## Planning Your Fieldwork

Geography Fieldwork Planner

Enquiry Question		
Hypothesis		
Planning	Fieldwork situation	
What equipment will I need?	Study site map	
How will I collect my data?		
When will I collect my data?		
Date = (Day/year) / (month/year) <small>This could be a date, a time, a place, a type of plant or animal.</small>	Project and Analyse Data - My plan	
Day	Time	Notes
Conclusions	Evaluation	
Based on my data, I determined that...	If I did this enquiry again, I would...	
Four results are taking an impact on others in the environment. What actions could you take?		



## 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.

## Key Vocabulary

<b>Data</b>	facts and statistics collected to be analysed
<b>Field Sketch</b>	a simplistic drawing of a location drawn during fieldwork
<b>Observe</b>	noticing and learning information from something
<b>Compass</b>	a tool which helps with direction
<b>Cardinal Points</b>	four main points on a compass: north, east, south and west
<b>Grid Reference</b>	a system of numbers and letters used to pinpoint a specific location on a map using horizontal (eastings) and vertical (northings) grid lines

## 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.