

What is fieldwork?

Fieldwork is where geographers go the area they are studying and conducting research to find out something new about the area.

Task Can you name any methods that geographers might use when conducting fieldwork?

Common Fieldwork Methods

There are a number of different methods that geographers can use to collect data on specific topics. When geographers collect data themselves or as part of a team it is called **primary data**.

Task See if you can work out which topics in geography the following fieldwork methods might be used to investigate.

Method	Topic	Method	Topic
Measuring pebble size		Measuring rainfall using a rain gauge	
Surveys and interviews		Litter count	
Completing a land use map		Completing a field sketch	
Surveys about traffic in an area		Measuring the velocity of a river	

Common Fieldwork Methods

Method	Topic	Method	Topic
Measuring pebble size	Coasts	Measuring rainfall using a rain gauge	Weather and climate
Surveys and interviews	Any topic!	Litter count	Urban geography
Completing a land use map	Urban geography	Completing a field sketch	Any topic!
Surveys about traffic in an area	Urban geography	Measuring the velocity of a river	Rivers

Research Questions

Before starting a fieldwork enquiry, geographers must decide what they want to research and develop either a research question or a hypothesis.

A **research question** is a geographical question you want answered, for example 'What area in London has the most road traffic during rush hour?'. A poor research question would be 'is London good?' as it is too vague.

Task

In pairs try and come up with 3 research questions for **any** geographical topic you'd like to know more about! They can be about a place, a process (like erosion) or a landscape (like a beach or river)

Hypothesis

A **hypothesis** is something that can be tested in the field. This is usually a statement that can be proven true or false.

A good hypothesis might look like 'pebble size increases at the beach as you move away from the shoreline'

A bad hypothesis might be 'rivers get faster'

Task

In pairs try and come up with 3 hypotheses for **any** geographical topic you'd like to know more about! They can be about a place, a process (like erosion) or a landscape (like a beach or river)

What should we research?

Think about what we have learned over the last few lessons, what would you like to research?

Task

Come up with three ideas you'd like to research or find out more about to do with climate change and climate justice

Our research question: What does climate justice look like in my community?

How might we research this?

What are our aims for the research?

Data collection

The method you use to collect data should suit your research.

What methods could you use in our local area?



What are our methods?

Interview

What is an interview? An interview is a formal conversation where one person asks questions and to learn about someone's experiences, opinions, or skills.

Why use interviews? They help gather detailed, first-hand information from people

How to do it well? Prepare clear questions in advance, listen carefully, and take notes or record the answers

What is a photo collection? a group of images gathered to show or explore a particular theme

Why use photo collections? They help visually tell a story, capture emotions, and provide evidence

How to do it well? Choose clear, relevant images.

What is a survey?

A survey is a set of questions used to collect information or opinions from people.

Why use surveys? –

They help gather data from quickly, that allows researchers to spot patterns

How to do it well? – Ask clear, simple and short questions

What are our methods?

Interview

Create three interview questions related to climate justice

Interview- three in-depth interviews can be done with classmates or members of the local community

What is a photo collection?

Plan three areas you could gather image on climate justice

This can be set as homework

What is a survey?

Design two questions you would like to ask a classmate or other students

Survey questions can be asked to each student in the class.

Lesson 9

Data Collection and Write Up

	<u>Climate community</u>
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FIELDWORK ENQUIRY QUESTION:

Why is this location suitable for our human fieldwork enquiry?

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Why is this location suitable for our human fieldwork enquiry?

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Sampling Method:	Sample Size:
<u>Description of method:</u> 	

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Sampling Method:	Sample Size:
<u>Description of method:</u> 	

Data Collection Method 2:	
Sampling Method:	Sample Size:
<u>Description of method:</u> 	

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RISKS:

Describe the risks you experienced on your fieldwork trip and how these could be reduced

1 –

2 –

3 –

4 –

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DATA PRESENTATION METHODS	
<u>Method 1:</u>	
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Climate change

ANALYSIS

CONCLUSION

EVALUATION

Climate change

Survey

- 1. 5 words you associate with climate change

- 1. One thing you are worried about in terms of climate change

- 3. One thing you are hopeful about climate change

- 4. Design two of your own questions .

1. _____

1. _____

Interview