

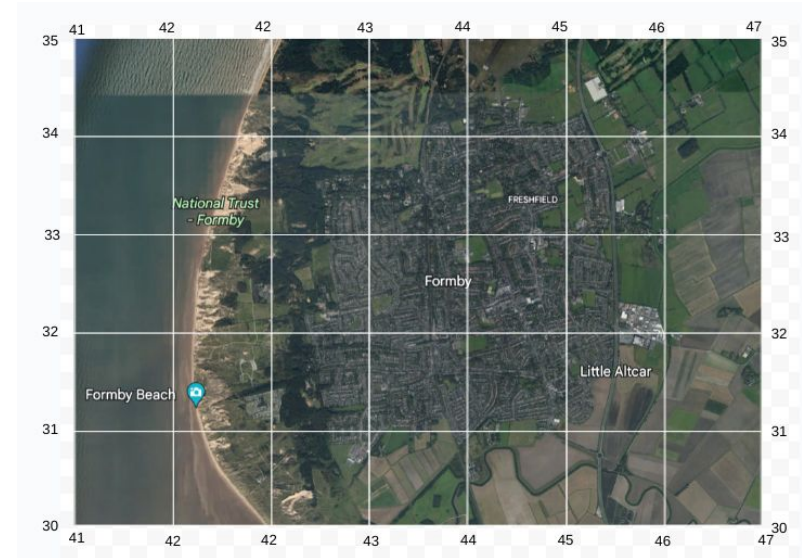
# What data are we going to collect and how?



## Success criteria

L.O - To plan a route for a fieldwork trip

- I can plan a field trip.
- I can determine which data I want to collect data.
- I can determine the best way to collect that data.

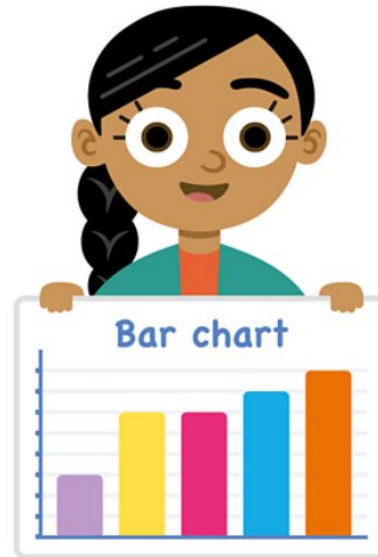
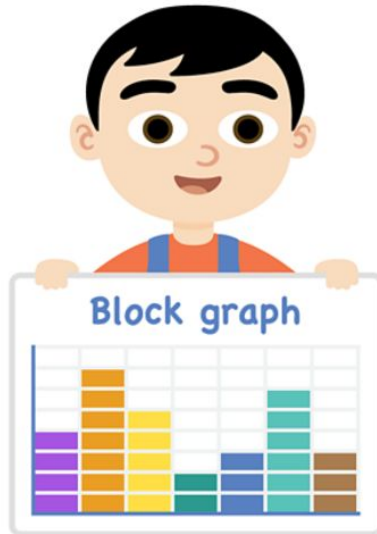
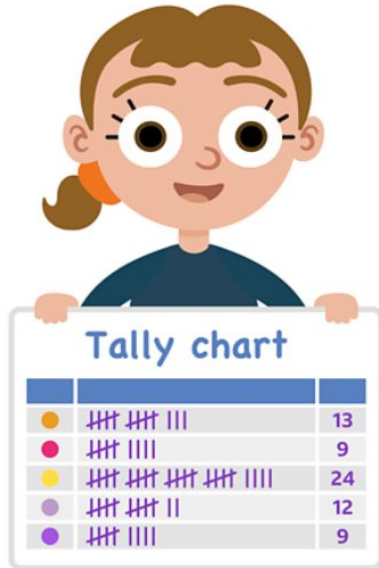


# What is data?

Data means information. You can collect data and show it in tables, charts or graphs.

It will make the information easier to read and understand.

Make sure you read all the different parts of the table, chart or graph to understand what it is showing.



**Activity 1 - With your partner/groups,**  
discuss the different types of data  
collection methods.



# How to plan a geography fieldwork investigation

## Where to start planning fieldwork

When you plan your fieldwork investigation, you need to think about:

- how to choose the location
- physical and human features
- what to investigate
- how to collect information
- how to record data
- how to stay safe



# What do you need to plan before your visit?

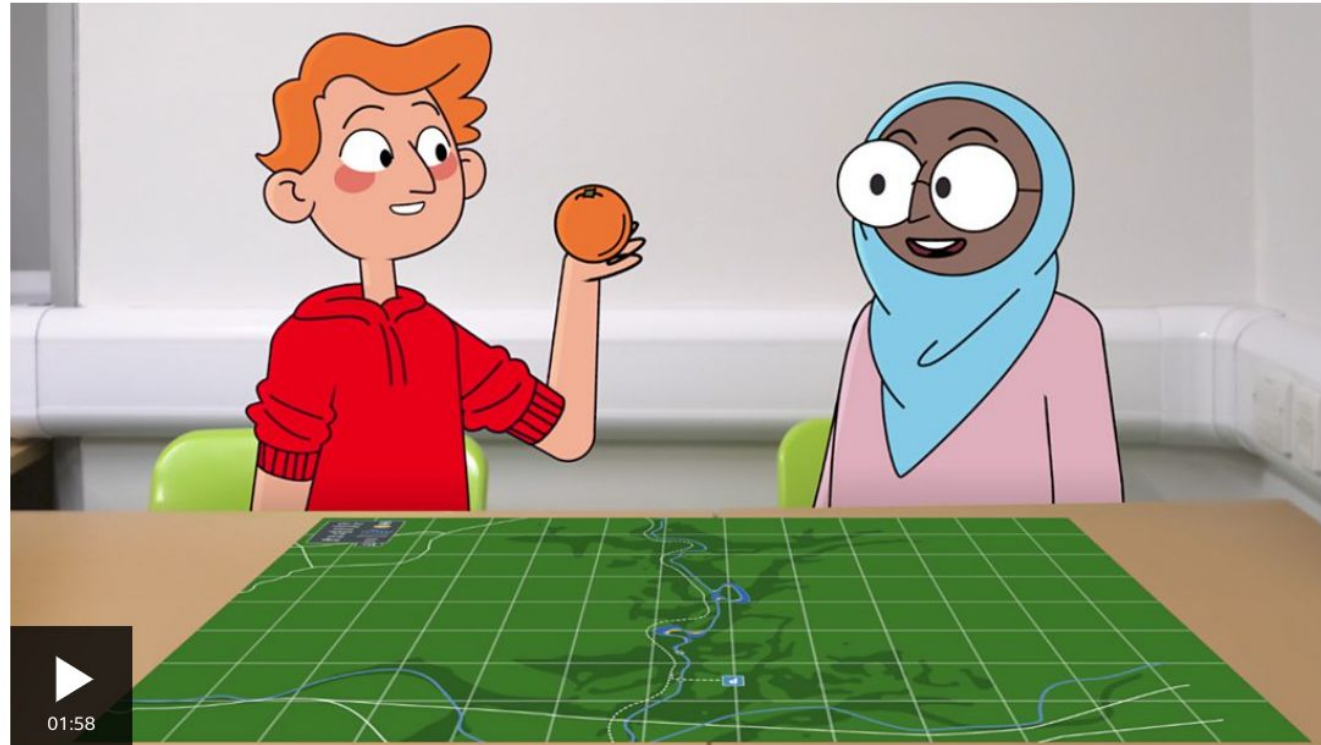
Before visiting an area to do your fieldwork, you need to plan exactly **what** you are going to do and **how** you are going to do it.

Looking at maps of the area will help you to decide what you could investigate. You could look at **human features** or **physical features** – or even both.





## Watch: Rivers fieldwork investigation



Watch the video to see Ayesha and James plan their fieldwork investigation at the river.

<https://www.bbc.co.uk/bitesize/topics/z27gf82/articles/z9hj96f#zm3wjsg>

# Tips for planning

## Choose your location

Looking at maps can help you choose your fieldwork location. You could also think of what you already know about the area.

## Research

See how much you can find out about the location.

## Data collection

Think of how you will collect your data. You may need a tool like a ruler or a rainfall gauge to do this.

## **Recording data**

Think of how you will write down what you have found out.

## **Findings**

Think of how you will present your findings to make it easy for other people to understand. You could use pie chart or a bar chart, for example.

## **Staying safe**

Make sure you stay with grown-ups and wear bright vests so that you keep safe.



## Watch: What do you need to wear?


It's important to always consider dressing for the weather and the terrain (type of ground). This is all part of good planning.

Find out more by watching this **BBC Teach** video about a day out in the mountains.



<https://www.bbc.co.uk/bitesize/topics/z27gf82/articles/z9hj96f#zvsckty>

## Activity: Quiz – Planning fieldwork



A cartoon illustration of a woman wearing a blue hijab and a pink long-sleeved shirt, pointing towards a large orange-bordered box with the word "Quiz!" inside. The background is white with several black symbols: a plus sign, a downward-pointing triangle, a squiggle, an upward-pointing arrow, a starburst, and an 'x'.

How do you plan a fieldwork investigation?

Do you know how to prepare for a fieldwork project?

**Start**

<https://www.bbc.co.uk/bitesize/topics/z27gf82/articles/z9hj96f#zvsckty>

# Digimap for Schools



**Health and Safety  
Executive**

<https://digimapforschools.edina.ac.uk/login>

<https://www.hse.gov.uk/simple-health-safety/risk/risk-assessment-template-and-examples.htm>

## Map work activity :

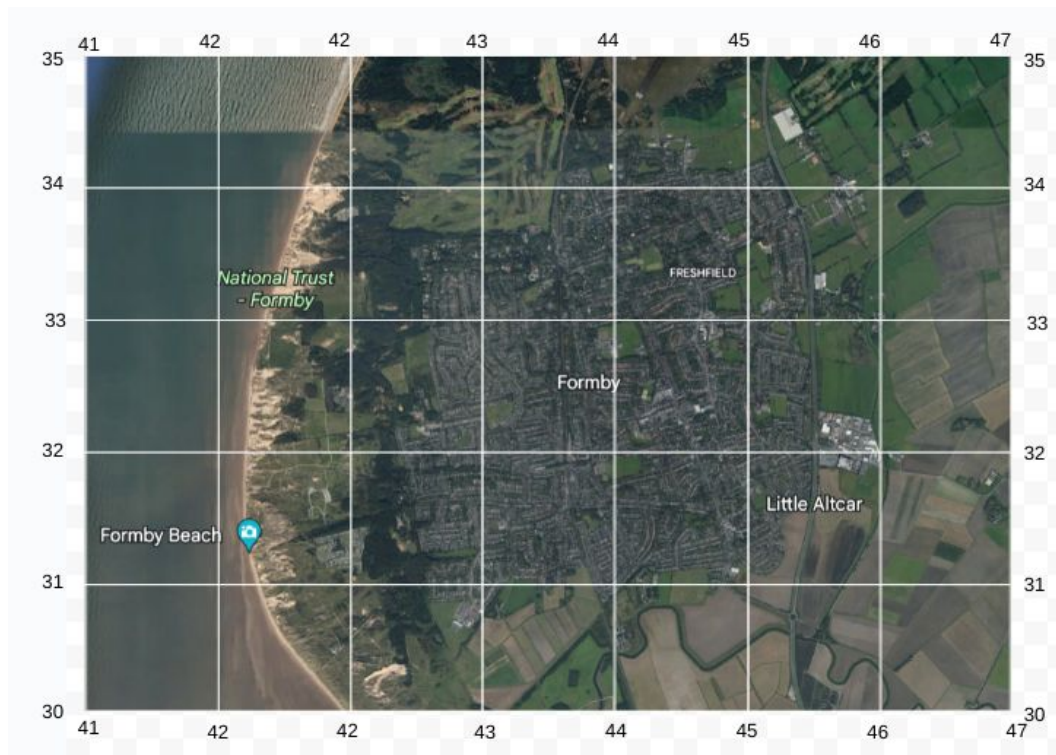
In groups, discuss where the busiest places in Formby are for footfall.

On a map, locate and mark on your school and the 2 or 3 locations to collect data. Create a route on the map using paths and crossings. Log using the 6 figure grid references.

Use digi maps measuring tool to help with route planning

Use street view to follow the route and identify any risks.

Complete a risk assessment using the template.



# Group Activity

In your groups:

- Decide what data you are going to collect
- How you are going to collect it
- Using the maps, decide where you are going to collect the data
- Using your maps, plan a safe route to your collection point and back to school
- Plan sensible clothing for your investigation.
- Create your own data collection form:
  - Tally sheet
  - google form etc

Using Google Slides, you will present your plans to the other groups towards the end of the lesson.