

Year 6 Fieldwork Enquiry Unit

Can we reduce our foods carbon footprint?

In this unit children will build on their knowledge from KS1 of where our food comes from. They will investigate how far food travels and ways they can reduce their foods carbon footprint to benefit the environment.

Map Skills

- Accurately and confidently use 8 compass points in a range of situations.
- Use 6 figure grid references to locate features on an OS map.
- Plan and follow short routes on an OS map.
- Use a range of maps to find out about locations (rainfall, temperature, population etc.)
- Use maps of different scales.
- Use scale to measure route distances (string).

Fieldwork

- Independently decide how to collect evidence and present in chosen form, justifying choices made.
- Compare findings about a location with other location and draw plausible, justified conclusions.
- Use a variety of sources as evidence to compare the local area to the past and suggest reasons for changes observed.
- Create a scaled sketch map of a location/feature using symbols and a legend.
- Make independent decisions on how to collect data to answer own questions.

Year 6 Fieldwork OS Map Skills

Use an OS map to plot and follow a route independently

This unit of work will build on children's existing knowledge from Year 4 and Year 5, They will culminate their knowledge of maps and will plot a route using an OS map to follow independently.

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Year 6 Social Responsibility

Fair Trade

In this unit children will explore the concept of fair trade and the importance of supporting fair trade.

Environment

- To explore the concept of fair trade and why it is important.
- To explore ways in which we can support fair trade goods.
- To think about how we can support our local community to purchase fair trade.

Year 6 Social Responsibility

People and the Planet

In this unit of work children will build on their existing knowledge of climate change and those people who have made a significant change to the environment (Greta Thunberg, David Attenborough). They will suggest ways they can help reduce the greenhouse effect through renewable energy sources, analysing which is the most efficient.

Environment

- To consider reasons why some people do not believe or take action on climate change.
- To find ways of encouraging other people to take positive steps to reduce climate change.
- Suggest ways to help save the environment and reduce the greenhouse effect– renewable energy sources, carbon neutral products, energy efficiency.
- Identify a range of renewable energy sources, analysing their efficiency and viability