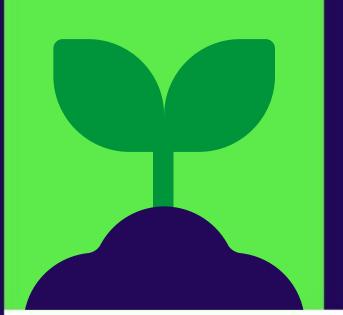
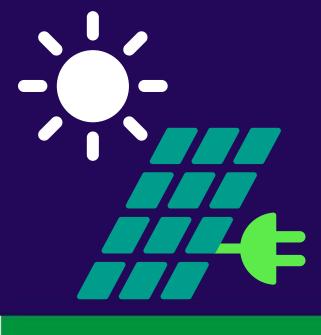


The Climate Connection







Our Family Footprint

The environmental impact of family life

Classroom presentation



Learning Outcomes

During and after the lesson, you will be able to demonstrate you can:

- describe the environmental impact of family life
- apply critical thinking and collaborative working techniques
- seek agreement and compromises in group discussions
- use specific vocabulary related to the family footprint
- ask sensitive questions about environmentally responsible behaviours.



Transport and Travel	Waste
car-sharing	landfills
emissions	raw materials
fuel efficiency	recycling – aluminium, plastic, glass, paper, food, tin
home-working	

Energy	Food
boiler	diet – meat, beef, vegetarian, vegan
energy efficiency	food miles
solar energy	food waste
thermostat	locally sourced
traditional energy sources – gas, electricity, oil, wood, coal	





Transport and Travel	
car-sharing	When several people travel together to save fuel energy
emissions	Poisonous gases produced by cars and other devices
fuel efficiency	Using the least fuel possible for a journey
home-working	Working from home to reduce the environmental impact of travelling

Waste	
landfill	Places where waste and rubbish are buried under the earth
raw materials	Basic materials used to make things, for example wood
recycling – aluminium, plastic, glass, paper, food, tin	Where items we no longer need are used to produce something else or be used again, for example bottles



Energy	
boiler	A household device for heating water
energy-efficiency	How different devices use less energy for the same function. Newer cars, for example, are more energy efficient.
solar energy	Power generated from the sun
thermostat	A device to control heating or air conditioning
traditional energy sources (gas, electricity, oil, wood, coal)	Basic things we used and still use to create energy, but with an environmental impact

Food	
diet (meat, beef, vegetarian, vegan)	What we eat
food miles	How far food 'travels' from where it is produced to where it is eaten
food waste	Food we don't eat but throw away
locally sourced	Food that is from our local community or nearby, for example a local farm or fishing boat













Below are comments from conversations between family members about their environmental footprint.

Read the comments and then make a list of ways that families can reduce their carbon footprint. The vocabulary on the previous slide will help you as well.

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"... we never walk to the supermarket ..."
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- "... we often leave the heating on at night ..."
- "... I sometimes buy locally produced food ..."
- "... we never walk anywhere, even though the school is so close to home ..."
- '... your grandmother always fixed things instead of throwing them away ...'

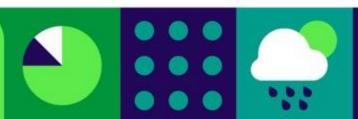


On the next slide, there are some questions about families and their environmental impact.

This subject can sometimes be sensitive, so the questions need to be put in a sensitive way too.

Look at the question examples and underline any sensitive questions or advice.

One has been done as an example.





Questions:

Do you ever walk to school?

<u>Is it all right to discuss why you don't buy locally produced food?</u>

Do you mind if I ask about your electricity use?

How often do you take the bus to school?

Do you separate glass and paper waste?

How do you feel about trying car-sharing?

Do you ever fix 'old' clothes or shoes and not buy new ones?





Questions:

Is it all right to plus infinitive

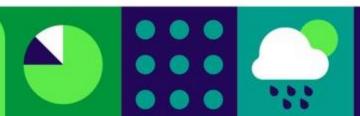
<u>Is it all right to discuss why you don't buy locally produced food?</u>

Do you mind if plus simple present

Do you mind if I ask about your electricity use?

How do you feel about plus -ing

How do you feel about trying car-sharing?









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