



## Lesson: Carbon Footprint



### ACTIVITY OUTLINE



Watch the animation to gain an understanding of carbon footprint as a measure of lifetime CO<sub>2</sub>e

Complete the per capita country emissions ranking exercise and discuss any surprises.

In groups students discuss the agree and disagree cards (print out ppt slides to promote small group discussion) before sharing their reasoning.

Students identify what contributes to their footprint, draw out impact of consumption.

Students consider the impact of phone upgrades, answers might be gathered electronically if facilities available in school.

Discuss personal action and local repair cafes.

Students use the reflection tool to consolidate their learning.



### CURRICULUM OUTCOMES



Students will be able to explain that the carbon footprint is the total amount of carbon dioxide and other greenhouse gases emitted over the full life cycle of a product, service or event.

They understand that the carbon footprint can be reduced by reducing emissions of carbon dioxide and methane.

Students should be able to:

- describe actions to reduce emissions of carbon dioxide and methane
- give reasons why actions may be limited.



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#### GLOBAL LEARNING OUTCOMES



Students are able to make the link between patterns of human consumption and Climate Change

#### CLIMATE ACTION



They can explain the processes that cause climate change, name some of the activities that are responsible and make the connection between these and things that they consume

Students can explain what a Carbon Footprint is and describe practical things people can do to reduce their carbon emissions

Students are aware that people in wealthy Minority World countries have much bigger footprints – and that individual people reducing their footprint is an important part of the collective effort to slow Climate Change

SMSC / British Values - Understanding of the consequences of their behaviour and actions

### Action



What is your carbon footprint?

Find out here - <https://footprint.wwf.org.uk/#/>

Follow #leedsbyexample to find out how you can contribute towards Leeds becoming a carbon neutral city.



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