

<p>Stats</p>	<p>The results from a Defra (Department for Environment, Food and Rural Affairs) survey in 2009 indicate that many people save energy in their home: 60% of light bulbs are now energy efficient ones and 66% of people said they use less heating than before. 43% of people said that they try to persuade others to be more environmentally friendly. In 2009–2010 England generated 23 million tonnes of household waste. About 40% of this was sent for recycling, composting or reuse. In 1999–2000, on the other hand, nearly 25 million tonnes of household waste were generated and only 10% was recycled, composted or reused.</p> <p>However, people in the UK are continuing to buy more cars, and cars caused 14% of carbon dioxide emissions in 2011.</p> <p>Also, global temperatures are increasing. Since the end of the 19th century, the average global temperature has risen by around 0.75°C. The IPCC (Intergovernmental Panel on Climate Change) predicts that temperatures could increase another 1.8 – 4.0°C by the end of this century.</p>
<p>FAQs</p>	<p>Is the world really getting warmer?</p> <p>Rising sea levels, melting snow cover and glaciers, longer growing seasons and shifting wildlife are indications of a warming world.</p> <p>Is climate change caused by humans?</p> <p>Experts in many countries (including the UK) believe it is likely that most global warming is caused by human activities. These activities include deforestation (cutting down trees) and the production of carbon dioxide from car exhausts, factories and power stations.</p> <p>Does a small temperature change really have an impact?</p> <p>An increase of 1.8 – 4.0°C sounds small, but it would cause sea levels to rise further, and a rise of just 10cm would flood large parts of Southeast Asia. As a result, many people in countries such as Bangladesh and would lose their farmland and their homes.</p> <p>The greenhouse gases which cause global warming stay in the atmosphere for many years, so even if we stopped producing them now, global warming would not stop immediately.</p>
<p>Real life</p>	<p>Sylvia Butler is a retired teacher and former councillor. The houses on her street have no gardens, so it is hard to find space for all the large wheelie bins provided by the council, including a garden waste bin.</p> <p>‘I’m all for recycling and used to help educate the kids about it during my Geography classes, but expecting us to cope with nine different bins and bags is asking too much.’</p>

In your PSHE workbook, complete these tasks:

1. Which statistic do you find most interesting and why?
2. Write down a question that you have about the environment. Leave space for an answer. Another student will research the answer and give you an answer next lesson.
3. Read the ‘Real life’ box. What advice would you give this person if she was a member of your family?
4. Find a charity, organisation or pressure group that supports environmental issues. Find out what ‘actions’ they would want you to take. Tell your form tutor about any actions you complete in support of their cause.



Information on how global warming works (for you or for students)

National Geographic

The Greenhouse Effect

<http://environment.nationalgeographic.com/environment/global-warming/gw-overview-interactive.html>

Charities that support environmental issues

UK Charities

Greenpeace UK

<http://www.greenpeace.org.uk/>

Friends of the Earth

<http://www.foe.co.uk/>

Global Action Plan

<http://globalactionplan.org.uk/>

International/overseas charities

Greenpeace International

<http://www.greenpeace.org/international/en/>

Climate Action Now

<http://www.climateactionnow.org/>

Rainforest Action Network

<http://ran.org/>

Sources of statistics and FAQs

Defra

2009 Survey of public attitudes and behaviours towards the environment

<http://archive.defra.gov.uk/evidence/statistics/environment/pubatt/download/090923stats-release-pubatt.pdf>

Waste Data Overview, June 2011

<http://webarchive.nationalarchives.gov.uk/20130123162956/http://www.defra.gov.uk/statistics/files/20110617-waste-data-overview.pdf>

UK National Statistics

Topic guide to: Waste and Recycling

<http://www.statistics.gov.uk/hub/agriculture-environment/environment/waste-and-recycling>

National Geographic News

Global Warming Fast Facts, 14 June 2007

http://news.nationalgeographic.co.uk/news/2004/12/1206_041206_global_warming.html

The Economist

A bad climate for development, 17 September 2009

<http://www.economist.com/node/14447171>

SMMT – Driving the motor industry

New car CO₂ report, 2013

<http://www.smm.co.uk/co2report/total-co2-emissions/>

Department for Transport

Vehicle Licensing Statistics Quarterly Bulletin, 12 September 2013

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/238981/vls-q2-2013.pdf

Source of 'real life' story

Mail Online

'The nine-bin nightmare: Families forced to follow green zealots' new recycling diktats', 24 April 2010

<http://www.dailymail.co.uk/news/article-1268377/Families-forced-follow-green-zealots-new-recycling-diktats.html>