

Science topics	Section layout	Accompanying worksheets	Lesson considerations
<ul style="list-style-type: none"> ● Definition of carbon footprint. ● Contributions towards personal carbon footprint. ● The Greenhouse effect. ● Sources of greenhouse gases in the atmosphere. ● Ways to reduce carbon use. 	<p>Look at fuel use in different forms of transport and ways of reducing carbon footprint.</p>	<p>The Greenhouse Effect Ideally this worksheet should be completed when students are exploring this section of the site although it could be set as homework to be completed after studying the greenhouse effect. It encourages students to think about geo-engineering methods of tackling climate change.</p> <p>Are humans changing the atmosphere and causing global warming? This worksheet presents some of the evidence for global warming and gets students to plot graphs of real data that shows how global temperature and CO₂ levels vary. It looks at why it is difficult for scientists to work out what is causing climate change and why it is difficult to predict what will happen. It can be set as a homework independently from the website.</p> <p>Reducing our use of carbon This worksheet looks at ways individuals and communities can reduce their use of carbon. Although it could be used independently of the website, it is best used in conjunction with it as the answers are given in this section.</p>	<p>This section should be studied after learning about fossil fuels and the contribution that burning these has on the environment. The worksheets encourage pupils to explore this section of the site and to think about the evidence for climate change and the solutions to global warming. You could look at the website and the worksheet on The Greenhouse Effect in a computer based lesson and set the other worksheets for homework.</p>