



Year: 7

Subject: **Geography**

Topic:

**Carbon footprint**

Knowledge and Understanding to be developed:

In this unit, students will be developing awareness of a range of foods available from all over the world. You will calculate distances travelled to the UK. The assessment includes calculating your Carbon footprint and suggesting ways of reducing it.

Key Terms to be learned this half term:

Fossil fuels, Renewable, Non-renewable, Sustainable, Carbon Dioxide

Power stations

Week 1/2 Learning Objectives and Outcomes:	Assessments:	Homework:
<p><b>Students should be able to:</b></p> <ul style="list-style-type: none"> <li>Understand where in the world some of our food comes from, plot locations and annotate a world map</li> <li>Understand the concept of food miles and recognise where the food we eat comes from. <b>Add distances</b> together and calculate how many miles food has travelled to make your pizza.</li> </ul>		<p><b>‘go shopping’</b> Pick 5 fruit or vegetables from your local supermarket that have been packaged. Write down country of origin, what your food is and how many miles it has travelled to get to your supermarket.</p>
Week 3/4 Learning Objectives and Outcomes:	Assessments:	Homework:
<p><b>Students should be able to:</b></p> <ul style="list-style-type: none"> <li>To understand the term carbon footprint. Look at my carbon footprint and the ways I can try and reduce it.</li> <li><b>Divide the footprint up to show how much you use for each of the totals for school, home and holiday. Divide each section further to show how you use energy, e.g. showers, watching TV, different sorts of holidays.</b></li> </ul>	<p>Your Carbon footprint Booklet will start your assessment</p>	<p>Complete Homework 2- Carbon Dioxide in the Atmosphere</p>
Week 5/6 Learning Objectives and Outcomes:	Assessments:	Homework:
<p><b>Students should be able to:</b></p> <p><b>List</b> five ways to reduce your carbon footprint. Assessment; <b>Explain</b> how each step you decide to take will help reduce your carbon footprint.</p>	<p><b>Explain</b> how each step you decide to take will help reduce your carbon footprint.</p>	<p>Complete any missing work</p>

### Skills

DCF: 77 3.1: Producing: find distance food has travelled to reach the UK.

Literacy: Y7RA3: Response and analysis: writing an argument (advantages +disadvantages) about food miles.

Numeracy: Y7 D2-Using data skills. Collect and record data collect own data for a survey