

# TRANSPORT



## Real Life Scenario

I have to go to school every day, some things I cannot change! My house is close to school so it is only a 5 minute walk. My friend Sammy lives next door but she is driven to school, I think she is quite lazy! When I arrive at school I often wait for my friends who travel on the school bus. Then we all go to our classroom together. Guess what...all the teachers come by their own car. I want a Porsche when I am old enough.

After school there are lots of clubs and sports I can do. My favourite is football. We practice twice per week. When we have finished I am tired and sometimes wish someone would drive me home instead of walking. On Saturday we have a football match against another school. Sometimes we have to travel many miles to play a game. I am lucky because we travel by car, it is a big one so I have lots of space to sleep on the way back home.

## Key Questions:

- How do I travel to my usual destinations?
- How do families travel? Is their choice good or bad for the environment?
- How to I travel when I go on holiday?
- Have you ever played the Carbon Detective, and worked out which form of transport is the most environmentally friendly?
- How will travel change in the future?

## Quest 1

Key Question:	<b>How do I travel to my usual destinations? (every day/ every week)</b>
Elaboration/Content:	<b>This quest focuses on how students travel. Focussed on the local area and regular journeys, the quest explores the way in which regular trips are made and asks why choices to use different forms of travel are made</b>
Expected time:	<b>2 hour and 50 minutes</b>
Age Group	<b>Age 8-12</b>
Additional Questions:	<b>How can I get around? Why do people choose certain forms of transport? What is the best form of transport for certain journeys? How do the environmental impact of different forms of transport vary?</b>
Aim:	<ul style="list-style-type: none"><li>- To undertake an investigation about the above theme, including research and collection of data.</li><li>- For students to realise different forms of transport have varying environmental impacts.</li><li>- To find out why people use different forms of transport</li><li>- To asses the different forms of transport on offer and their benefits</li><li>- For students to calculate the carbon footprint of different journeys depending on the type of transport used.</li></ul>
Objectives/Outcomes:	<p>By the end of the quest all students will:</p> <ul style="list-style-type: none"><li>○ <b>describe the forms of transport they use regularly.</b></li><li>○ <b>describe other forms of transport that could be used for the same journey</b></li><li>○ <b>Plan and carry out a survey to collect data.</b></li></ul>

- **Use data to assess the impact of a transport type.**
- **Use criteria to make choices about different forms of transport.**
- **explain why choices of transport are made.**
- **explain the difference between positive and negative consequences.**