

**Environmental Transport Association :: teaching sustainable travel through the National Curriculum**  
all resources and plans available free of charge for educational use from [www.eta-schools.co.uk](http://www.eta-schools.co.uk)

<b>Subject/ Title/ Summary/ Objectives/ Timings</b>	<b>Intro</b>	<b>Main teaching</b>	<b>Plenary/ Extension</b>	<b>Resources</b>
<p><b>Unit 4: MATHS/ GEOGRAPHY</b> <b>“Planning our research”</b> <b>Planning research into the traffic outside our school</b></p> <p><b>Maths 7:</b> Handling data Answer a set of related questions by collecting, selecting and organising relevant data; draw conclusions, using ICT to present features, and identify further questions to ask Construct frequency tables, pictograms and bar and line graphs to represent the frequencies of events and changes over time</p> <p>Block C: Handling data and measures</p> <p><b>Geography 1a.</b> Ask geographical questions</p> <p>1 hour</p>	<p>Getting even more local – what would we want to find out about our own school's impact? Think of the questions...</p> <ul style="list-style-type: none"> <li>● How does traffic outside our school vary during the day?</li> <li>● Does our school have any impact on this and how would we know?</li> <li>● Is traffic worse during school start and finish times?</li> <li>● How do people get to school now and how has this changed (this data should be in school somewhere or with the Local Authority – School Travel Plan officer)</li> </ul>	<p><b>Discuss</b></p> <ul style="list-style-type: none"> <li>● What we want to find out</li> <li>● How we will find it out</li> <li>● How will we record it</li> <li>● What will this look like</li> </ul> <p>Tell the children that later on we will look at the results of the School Travel Survey which will tell us about how children get to school.</p> <p>First, we need to plan how to find out about traffic outside school.</p> <p>Draft an agreed recording sheet on the whiteboard with the following modes: car/taxi, van/lorry, bus/minibus, push bike, motor bike, pedestrian, or use <b>RS6:</b></p> <p><b>Recording sheet for traffic outside school</b></p> <p>Each rota group needs their own sheet.</p>	<p>Arrange the timetable and rota for tomorrow's traffic survey.</p> <p>Make arrangements for as early as you can in the morning. Perhaps a parent or governor could help before the official start of the school day.</p> <p>Ask the children to predict what they think the results will be</p>	<p>RS6: Recording sheet for traffic outside school</p> <p>Follow your school police for adult volunteers to help before and after the start of the school day. For CRB purposes it would be easiest if you managed to persuade parents to watch with their own children.</p> <p>During the school day you may not need supervision if children can view traffic from within the school grounds. This is clearly your decision.</p>