

Geography – How can we make our local area safer?

Keystage 1

Aims: pupils use ICT to help them learn about areas local to a school and the times and places that congestion can occur. A simple tick sheet can be completed to measure the traffic around school.

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Overview:

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- Is our school on a busy road?
 - Is traffic a problem?
 - How is traffic controlled?
 - How can areas be made safer?
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Links: Numeracy, Literacy, ICT

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Geography – Is our school on a busy road?

Lesson Plan

Keystage 1

Is our school on a busy road?

<p>Learning Objectives Children should learn</p>	<ul style="list-style-type: none"> • About the character of a place • To ask geographical questions • Geographical terms
<p>Tasks</p>	<ul style="list-style-type: none"> • Download the traffic tick sheet for pupils to use as a tally sheet Make a note of the time and date of the survey • Use the A2B game – either online or a printout – to discuss aspects related to traffic
<p>Teaching Activities</p>	<ul style="list-style-type: none"> • Discuss with the children what makes a busy or quiet road • Discuss with pupils what makes a ‘fair’ test in a survey eg times, frequency, place • Arrange for the pupils to complete a simple traffic survey on the road outside the school using the tick sheet • Ask the pupils to think about their own road at home and decide whether it is quieter or noisier than the school road • Encourage pupils to think up their own questions about traffic around school
<p>Learning Outcomes At the end of this module children should be able to:</p>	<ul style="list-style-type: none"> • Identify the nature and character of a road in relation to traffic • Ask questions about roads and traffic • Compare different roads • Use the graph builder in A2B KS 1 to record their findings Print out their graph

Traffic Survey

Keystage 1

Tick sheet

Today we are looking at the types of traffic using the roads near our school.

Date:

Road Name:

Start Time:

Finish Time:

You can make your own graphs with the data from this sheet by using your graph builder at <http://www.dingding.org.uk/trafficsurvey/>

Total



Cars



Buses



Cyclists



Emergency Vehicles



Pedestrians



Vans



Motorcyclists



Lorries



Taxis

OTHERS

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Is traffic a problem? – Analyse your traffic survey results

<p>Learning Objectives Children should learn</p>	<ul style="list-style-type: none"> To carry out a small investigation about traffic in the local area
<p>Tasks</p>	<ul style="list-style-type: none"> Enter your ticksheet data into the the graph builder at: dingding.org.uk/games/manchester/trafficsurvey/index.html
<p>Teaching Activities</p>	<ul style="list-style-type: none"> Present the results from the traffic survey as a graph using 'A2B' and analyse them Ask pupils to consider questions like: Are there lots of lorries on the road? Are there cars parked on the road? Does the traffic cause any problems for your school?
<p>Learning Outcomes</p>	<ul style="list-style-type: none"> Discuss their findings and make some simple observations about them

How is traffic controlled?

<p>Learning Objectives Children should learn</p>	<ul style="list-style-type: none"> To observe, recognise and describe the main ways in which traffic is controlled
<p>Tasks</p>	<ul style="list-style-type: none"> Pupils play 'A2B'. Passengers need to catch the correct bus to get to their destination
<p>Teaching Activities</p>	<ul style="list-style-type: none"> Discuss with pupils the ways in which parking is controlled ie yellow lines, crossings, lollipop men or ladies Pupils play 'A2B', take passengers to the correct location and observe the areas of congestion Ask pupils to describe which traffic control measures could be used in 'DingDing' city Are there any traffic control measures close to the school? Which ones?
<p>Learning Outcomes At the end of this module children should be able to:</p>	<ul style="list-style-type: none"> Recall information about the game and from memory Recall information about their locality from memory

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How can areas be made safer?

Learning Objectives

Children should learn

- To make views about making an area safer
- To recognise ways of changing the environment

Tasks

- Download letter template

Teaching Activities

- Ask the pupils to identify methods of making an area safe for pedestrians eg cycleways, pedestrian crossings, fencing, and to think about how the school grounds and the streets they know are made safe
- Ask pupils to make use of the evidence they have collected to write a letter to the transport department about whether they consider the area around their school to be safe – if so why, if not why not?

Learning Outcomes

At the end of this module children should be able to:

- Identify a variety of solutions, including drawing on experience in other areas
- Use evidence to present a case in the form of a letter

Transport Department

Write a letter to the Transport Department about whether the area around your school is safe.

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From:

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Date:

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Dear

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