

KS2: Local Traffic Survey: Resource sheet 1

Name:

Survey table

TRAFFIC	TALLY
Bike	
Motorbike	
Car	
Van	
Lorry	
Bus	

KS2: Local Traffic Survey: Resource sheet 1

Name:

Survey table

TRAFFIC	TALLY
Bike	
Motorbike	
Car	
Van	
Lorry	
Bus	

KS2: Local Traffic Survey Worksheet 1

Activity 1

Making a tally chart

Look at the sets of data from Sandford School survey.

1. Choose one of the three groups of data.
Work out the total for each type of transport at each survey site.
2. Create a frequency table for your data.
Count the tallys carefully.

It should look something like this:

Group 1: Sandford shops

	<i>Tally</i>	<i>Total</i>
<i>Bicycle</i>	<i>###</i>	<i>5</i>
<i>Motorbike</i>	<i>///</i>	<i>3</i>
<i>Car</i>	<i>### ### ### //</i>	<i>17</i>
<i>Van</i>	<i>//</i>	<i>2</i>
<i>Lorry</i>		<i>0</i>

Fill in your frequency table with the totals for each type of transport.

3. Now answer these questions about your data from your frequency tables:
 - (a) What is the most common type of transport at the different survey times?
 - (b) What is the least common type of transport at the different survey times?

Share your results with other groups.

Can you compare results across the different groups for the Sandford School survey?

Activity 2

Making a fair survey

Look at the sets of data from Sandford School survey.

1. Look carefully at Group 1's data.
Why would it not be 'fair' to compare these sets of data?
2. Look carefully at Group 2's data.
Why would it not be 'fair' to compare these sets of data?
3. Look carefully at the three sets of data for Sandford shops.
Why would it not be 'fair' to compare these sets of data?

KS2: Local Traffic Survey Worksheet 2

Activity 3

Creating a pictogram

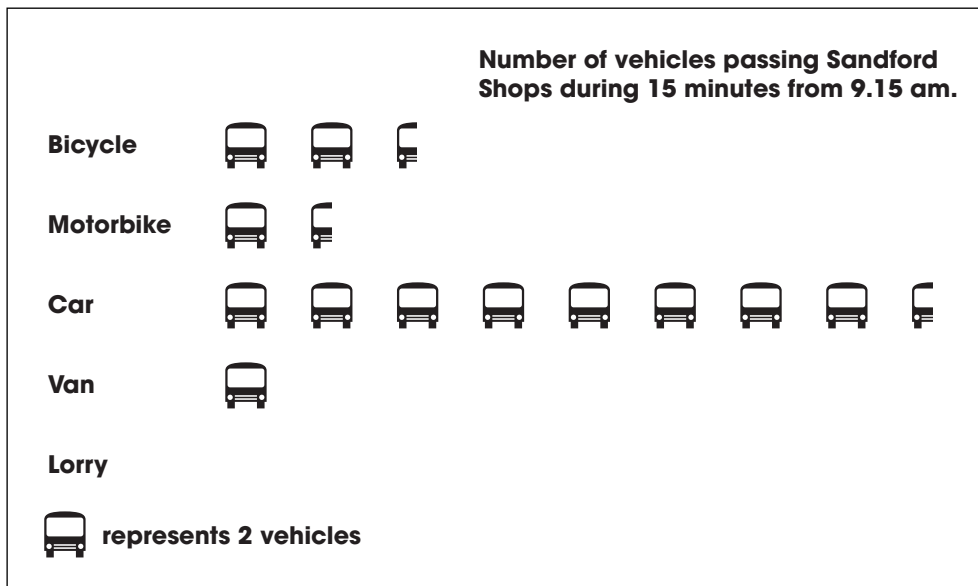
Look at the sets of data from Sandford School survey.

1. Use your sets of totals for your chosen group.
2. Create a pictogram to show the results of the survey at 9.15 am.

Decide on which symbol to use.

Decide how many units it should represent.

It should look something like this:



3. Now create a pictogram for the results of the other two survey times for your group.

Compare your pictures with the results for other groups.

How different are they?

Activity 4

Bar charts

Look at this bar chart.

It represents the results for one of the surveys undertaken by a group at Sandford School.

Can you work out which one?

