

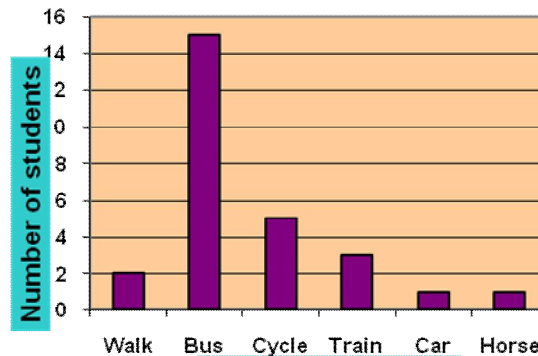
Student Activity: To investigate how a bar chart works.

Use in conjunction with the interactive file “Bar chart” on the Student’s CD.



Types of Transport	Walk	Bus	Cycle	Train	Car	Horse
Number of Students	2	15	5	3	1	1

Class of 2008



- How many students are in the class represented in the diagram?

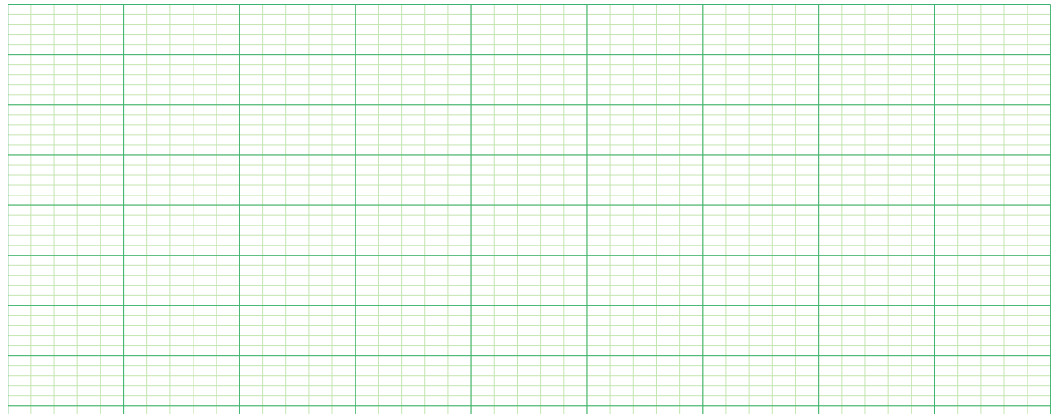
- What is the most popular type of transport? Why?

- What are the least popular types of transport? Why?

- Three members of the class were late and must now be included in the table. One of these travels by car, one by horse and one walks. Complete the table below.

	Walk	Bus	Cycle	Train	Car	Horse
Number of Students						

5. Draw the bar chart after the adjustments in No 4.



6. Change the figures on the interactive chart and check if your bar chart is accurate.

7. Change the number of students in the table, who travel by bus to 15. What happens to the Bar Chart?

8. What would have been the effect on the chart if a student who walks to school was absent the day the survey was conducted?

9. What changes would you have to make to the table and chart, if a student said they arrived by boat?

10. What circumstances might cause the data to be different?
