

Transport Trends

You need

- ★ access to the Internet
- ★ classmates

TECHNOLOGY

People use different modes of transport to get to work or school. Their choices can depend on distance, cost, convenience, and the public transport available.

Activity

1. Sina researches how people in her city travel to work. She finds the following statistics:

	1990 (percent)	2008 (percent)
Drive	68	79
Passenger in car	14	8
Walk only	5	4
Public transport	7	5
Cycle	4	2
Other (combination)	2	2

What trends can you see in this data?

2. Sina finds an Auckland study that shows that 76 percent of weekday morning trips are less than 5 kilometres (km).
 - a. Use an online map to work out how far you travel to get to school.
 - b. Conduct a class survey to find out how far people travel to get to school and what mode of transport they use.
 - c.
 - i. How many students live less than 5 km from school?
 - ii. How many of these students usually come to school by car?
 - d.
 - i. How many students live 5 km or more from school?
 - ii. How many of these students come to school by car?
 - e. How do the results of your survey compare with:
 - i. the statistics in question 1?
 - ii. the results of the Auckland study?

Discuss possible reasons for similarities or differences.

Focus

Using statistics and percentages

