

Name: _____

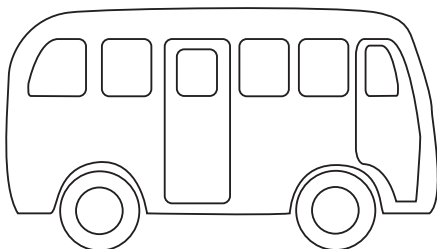
Activity 4.4 MP – Increasing the use of public transport

Many people who use public transport do so because it is an inexpensive means of travelling and they don't have to do the driving themselves. Passengers can read, listen to music and relax and let a friendly driver take them to their destination. Most buses are now comfortable, air-conditioned and fully accessible. The bus services have increased and improved, thereby reducing waiting times to as little as five minutes in some areas, and there is now more security on board buses, trams and trains.

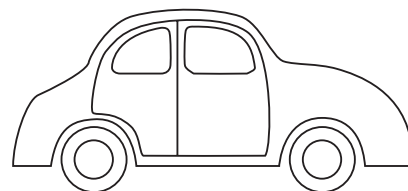
A bus with 30 passengers needs less space, makes less noise and air pollution than 30 separate cars each carrying one person. Using public transport cuts down the number of cars that are on the road. This helps to reduce travelling time for everyone using the roads.

But public transport has its drawbacks. Sometimes it isn't as easy to get where you want to go as it would be to simply get in your car and drive there. Stopping in the middle of your journey, or changing route may be difficult. Sometimes no public transport goes directly to your destination, so a trip may involve changing trains, buses or trams. You have to plan your trip to allow enough time to get the best out of using public transport.

Using public transport helps to reduce emissions



 = 30



 = 4

Activity 4.4 MP – Increasing the use of public transport (continued)



1. The table below shows the average waiting time between buses from Adelaide to Marion and a comparison with the journey from Toronto to North York (Canada).

	Adelaide to Marion 10 km from the CBD	Toronto to North York 17–34 km from the CBD
Peak hour	13 minutes	2.5 minutes
Off peak	19 minutes	6 minutes
Saturdays	18 minutes	8 minutes
Sundays	30 minutes	10 minutes

Answer these:

1. Explain the terms 'peak hour' and 'off peak'.

2. On which day would you wait the longest for a bus both in Adelaide and Toronto? Can you suggest some reasons for this?

3. When would you wait the least amount of time? Why?

4. Average waiting time in Toronto is much lower than in Adelaide. Why would this be so?
