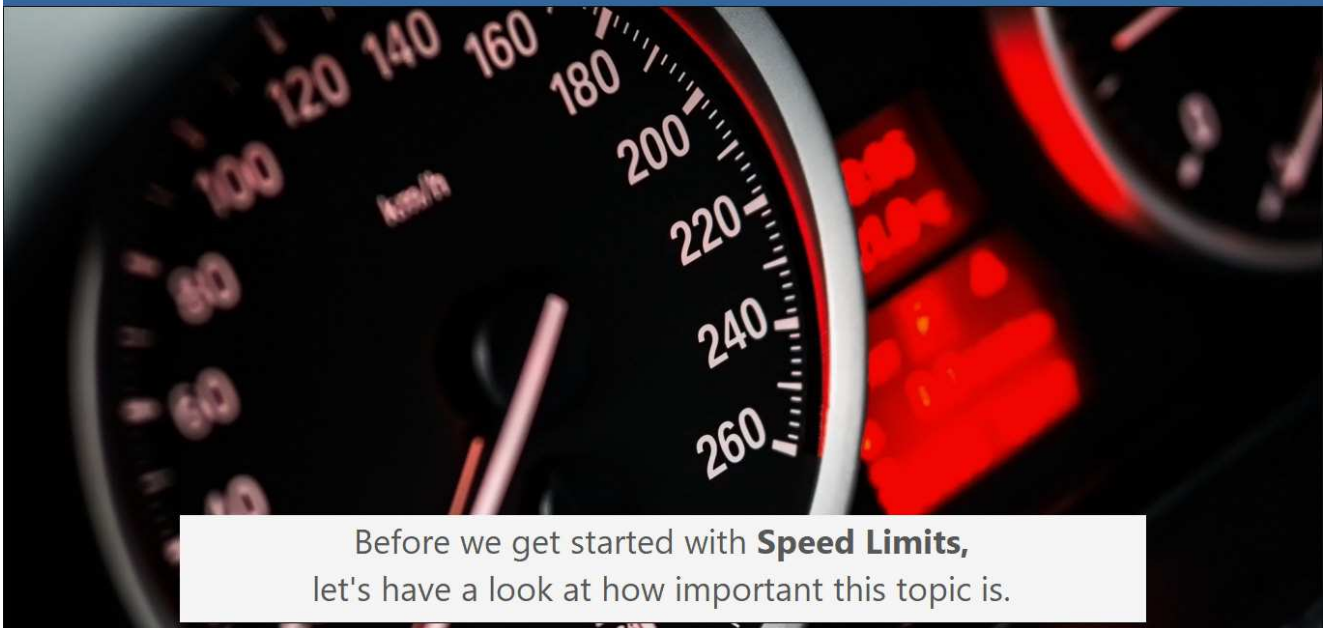


Speed Limits

Welcome to this **Perfect Driver** course. Throughout this course, we are going to look at the law, skills, techniques, and ideas to help you become a better, and safer driver.

In this lesson, we'll look at **Speed Limits**.

Speed Limits



Before we get started with **Speed Limits**, let's have a look at how important this topic is.

Speed Limits

Speed Limits

As a responsible and law abiding driver, you are expected to obey posted **speed limits**.

Speed limit signs are posted everywhere, but there are several different types - some permanent, some temporary, some suggested, some mandatory and some change throughout the course of a day.

So, let's jump in and have a look at speed limits, speeding, and all variations thereof.



Speed Limits

Speeding Definition

There are two definitions of speeding.

First, and most obvious, you are guilty of speeding if you travel faster than a displayed speed limit.

Secondly, you must **drive to the conditions**. If you are driving during heavy rain, fog, on gravel or an icy road, you must adjust your speed to account for the circumstances. **This means slow down if conditions merit it.**



Speed Limits

Speeding

Around the world, around **1.25 million** people each year die in motor traffic accidents. And of those crashes, **around 25% are attributed to speeding.**

According to the World Health Organisation:

...an increase of 1 km/h in mean vehicle speed results in an increase of 3% in the incidence of crashes resulting in injury and an increase of 4% in the incidence of fatal crashes.

They continue:

An adult pedestrian's risk of dying is less than 20% if struck by a car at 50 km/h and almost 60% if hit at 80 km/h.

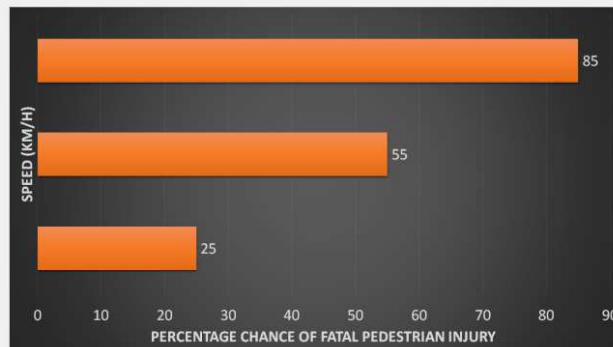


Speed Limits

Speeding

Research from the **Road Accident Research Unit** of the **University of Adelaide** has shown:

- The risk of involvement in a casualty doubles with each 5km/hr increase in free travelling speed above 60km/hr.
- A 5km/hr reduction in speed can lead to at least 15% decrease in crashes.



Speed Limits

Speed Limits

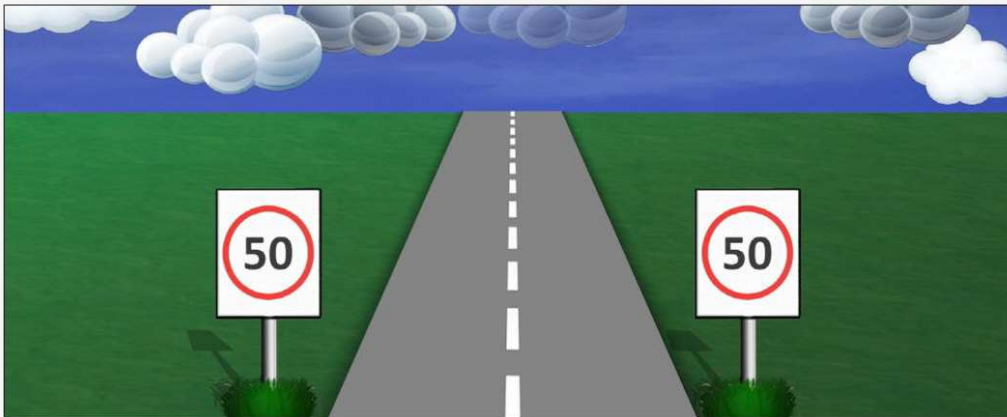


Let's take a closer look at **Speed Limits** and related road signs and lines.

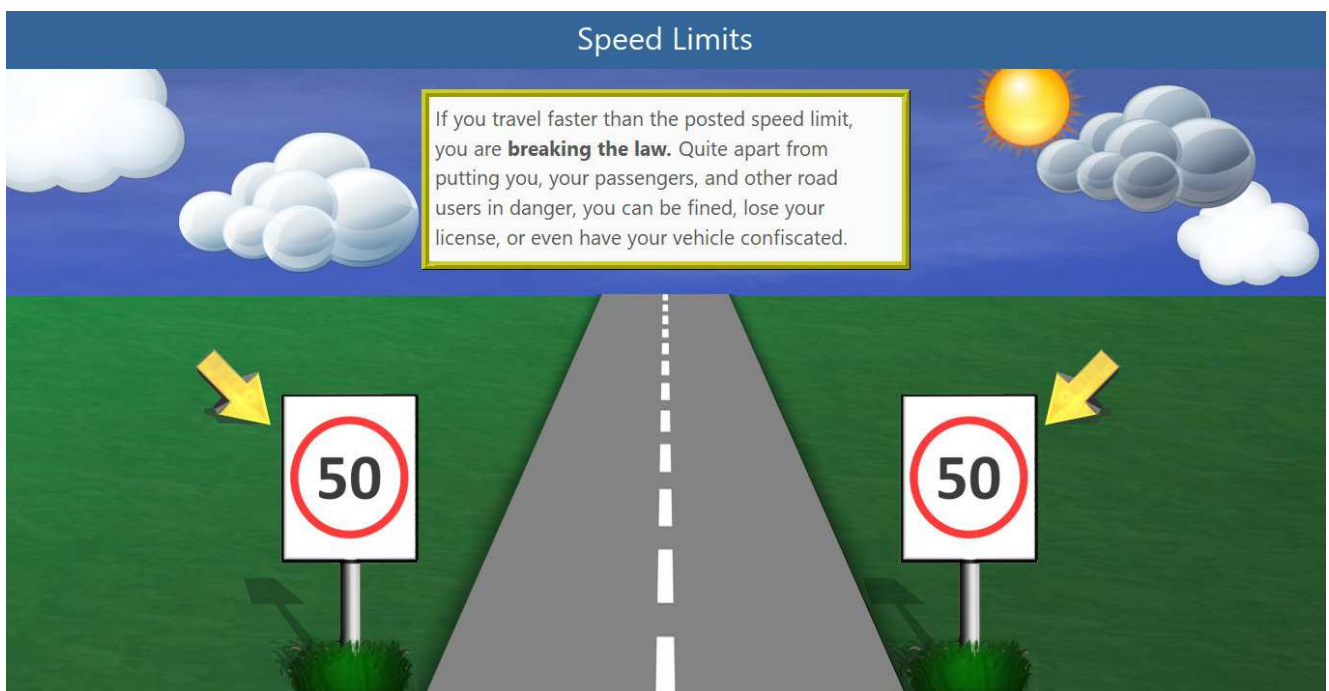
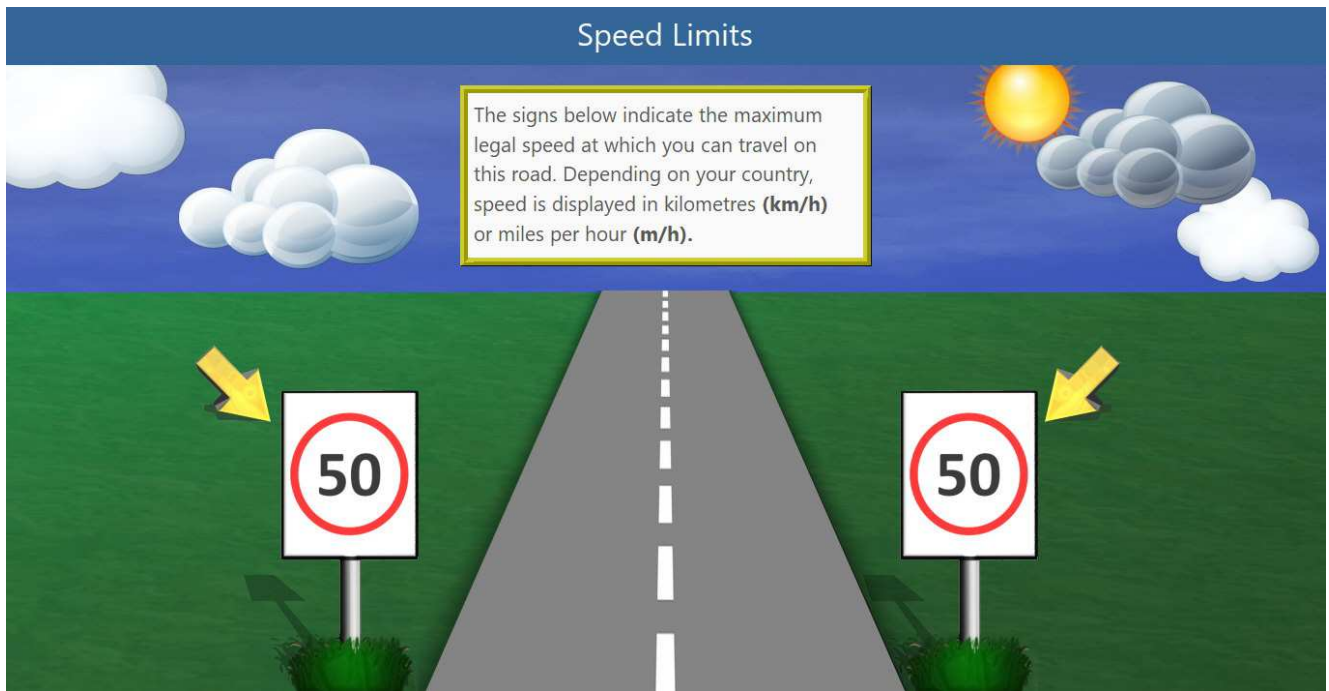
Speed Limits

Speed Limits are found wherever there are roads. They tell you, the driver, the maximum legal (and safe) speed at which you can travel at that point in time on this road.

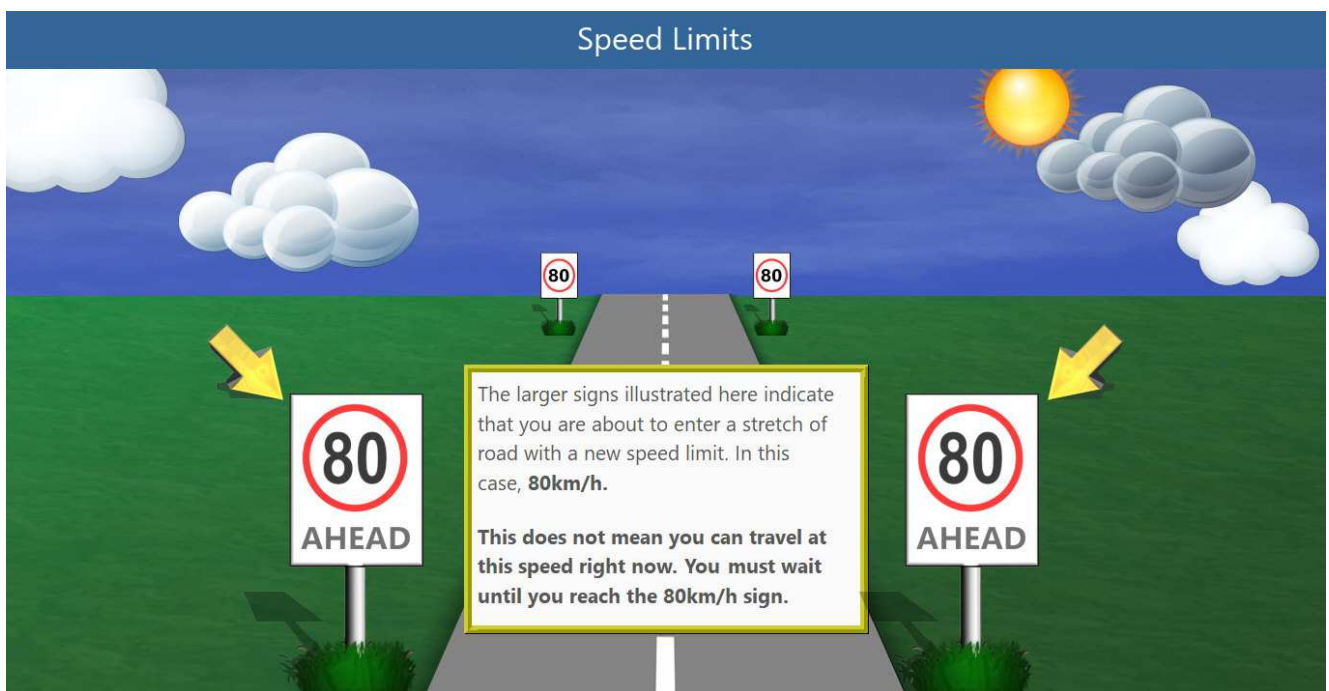
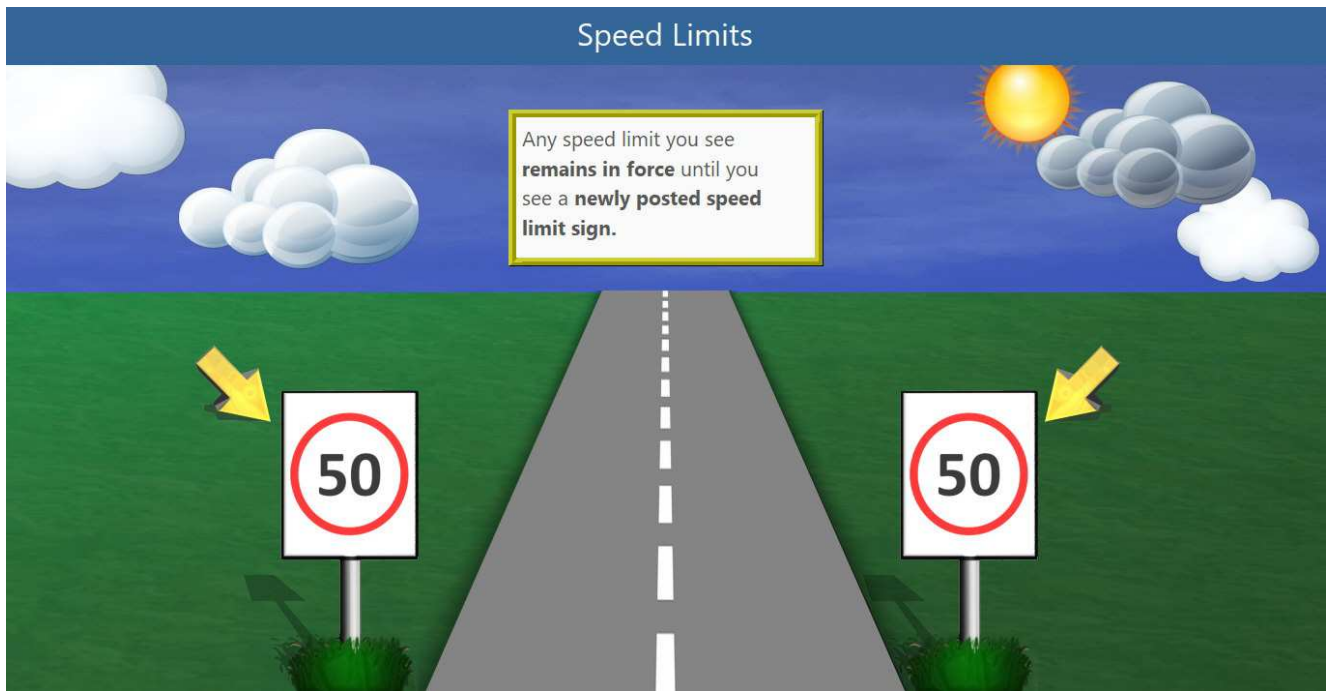
Let's have a look at this more closely. There is a little more to it.



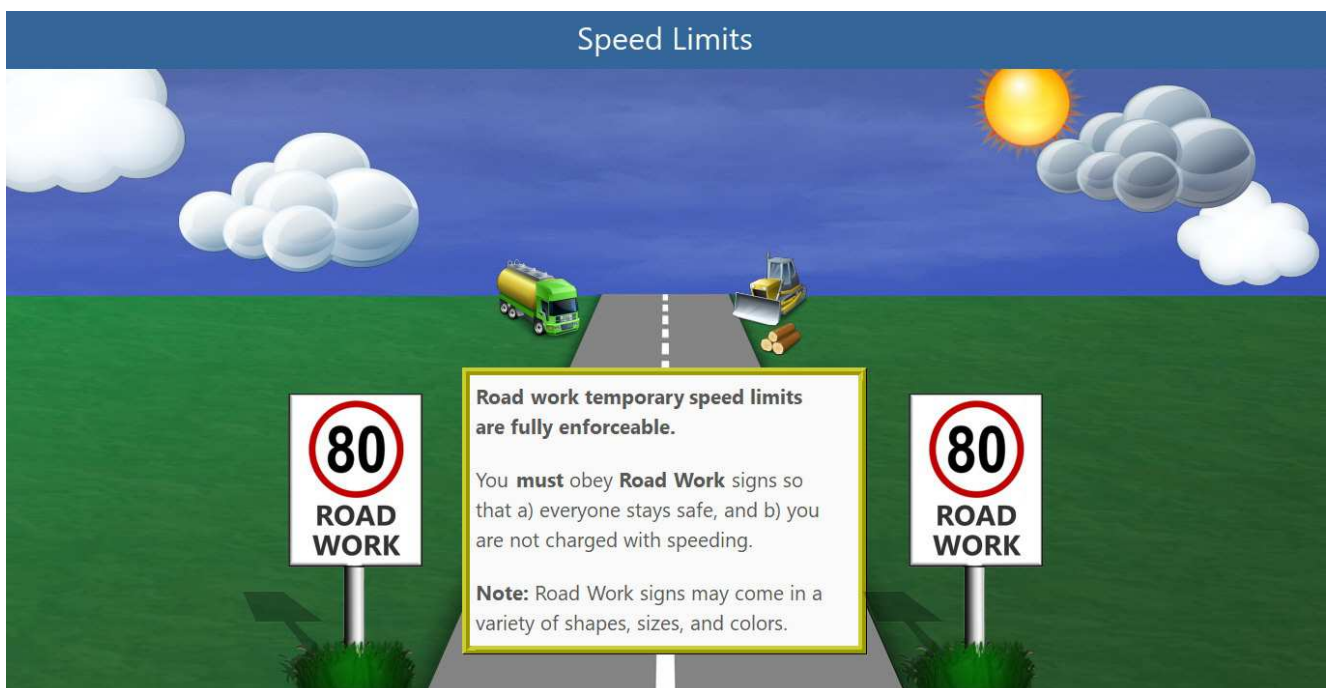
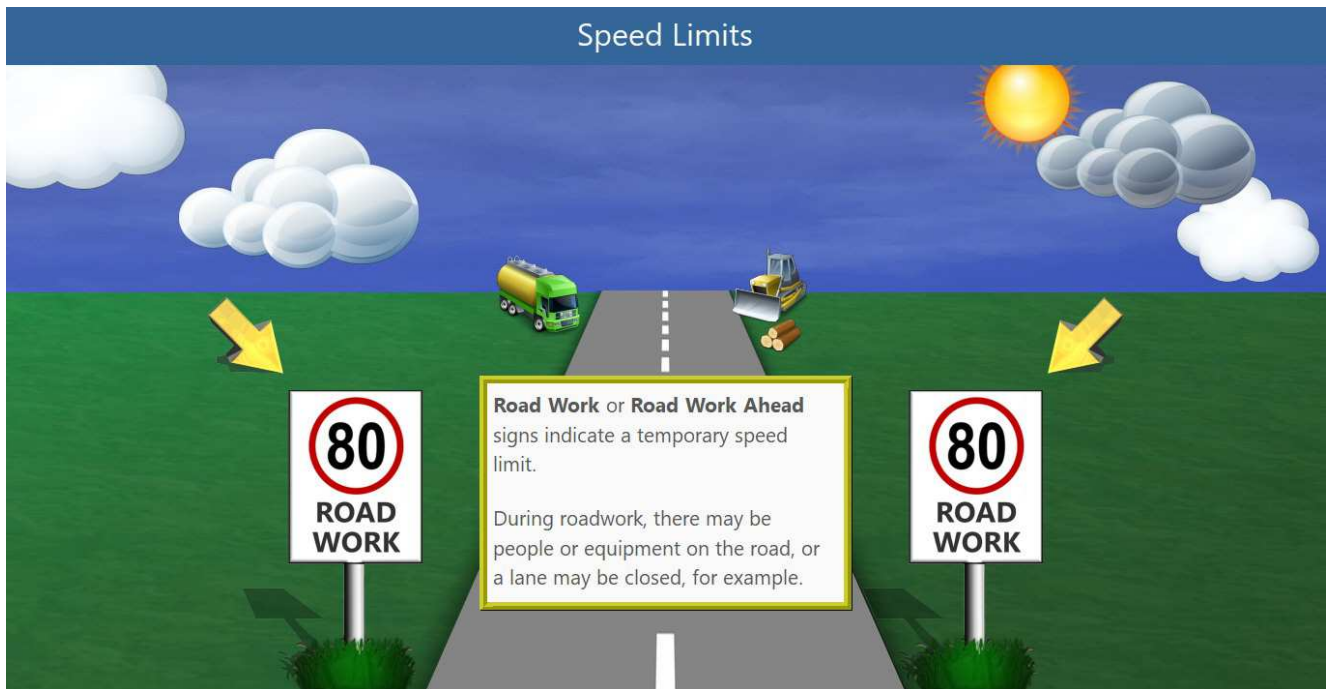
Speed Limits



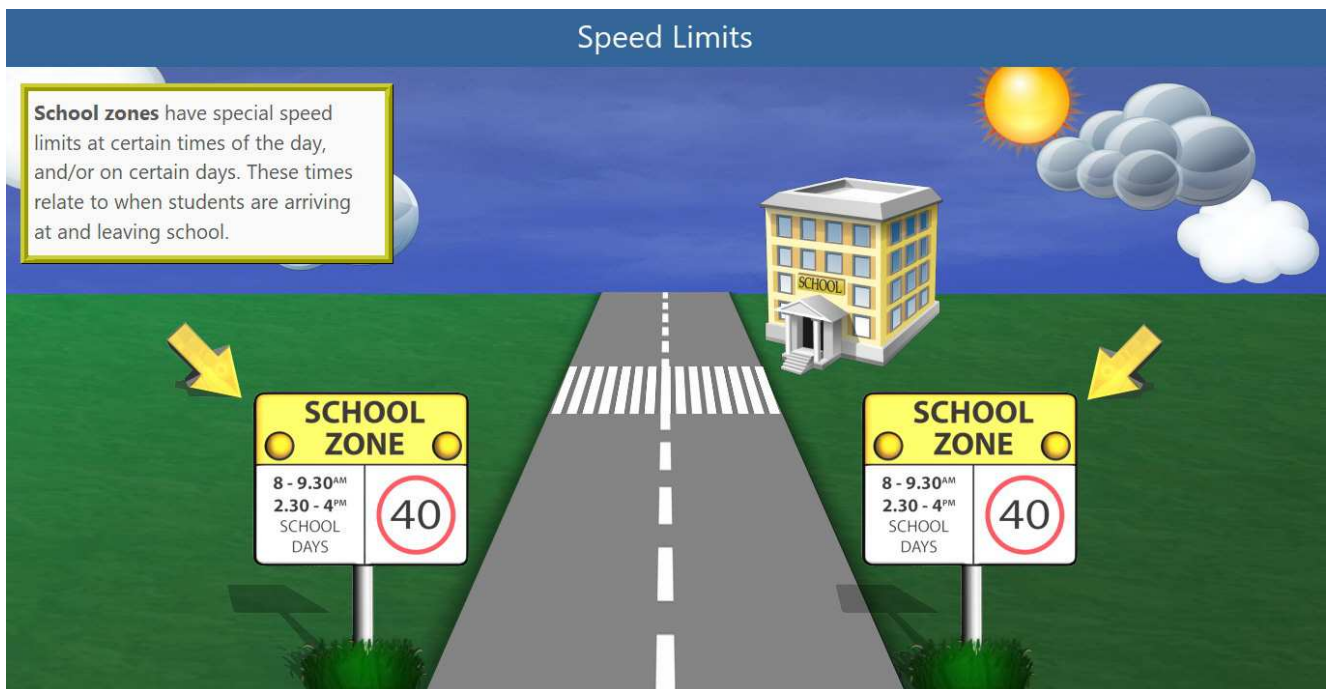
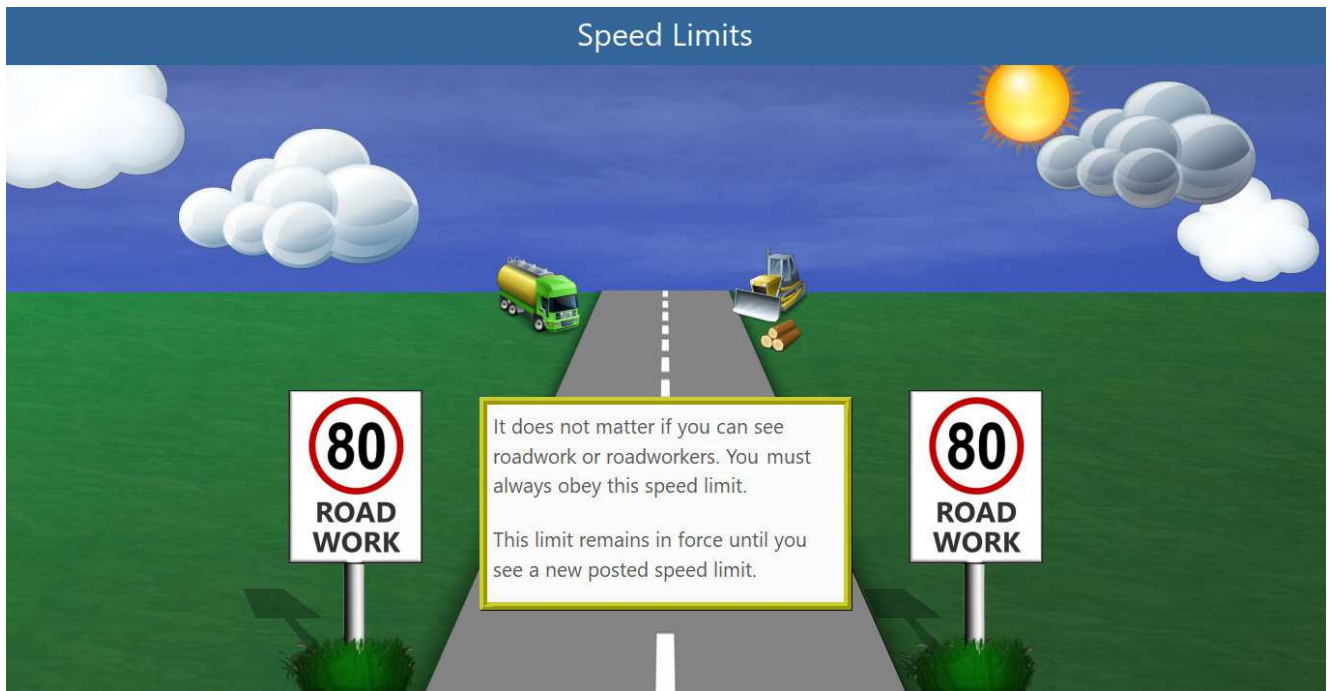
Speed Limits



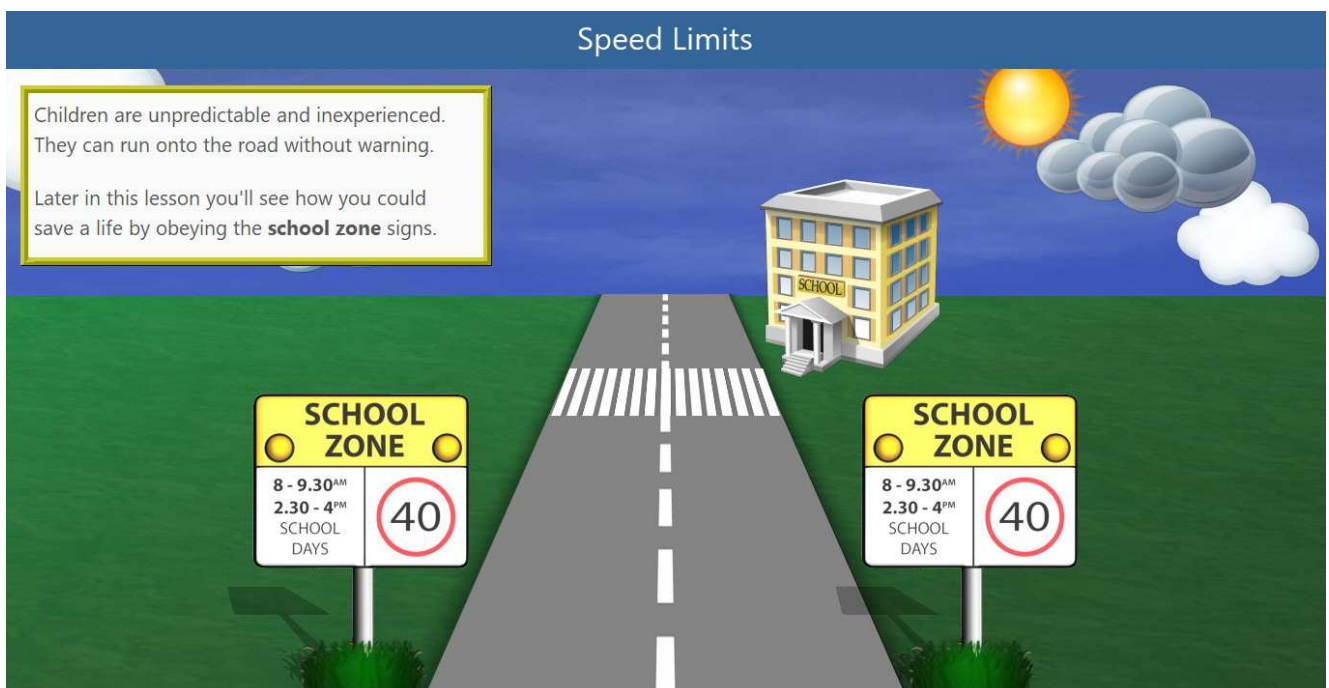
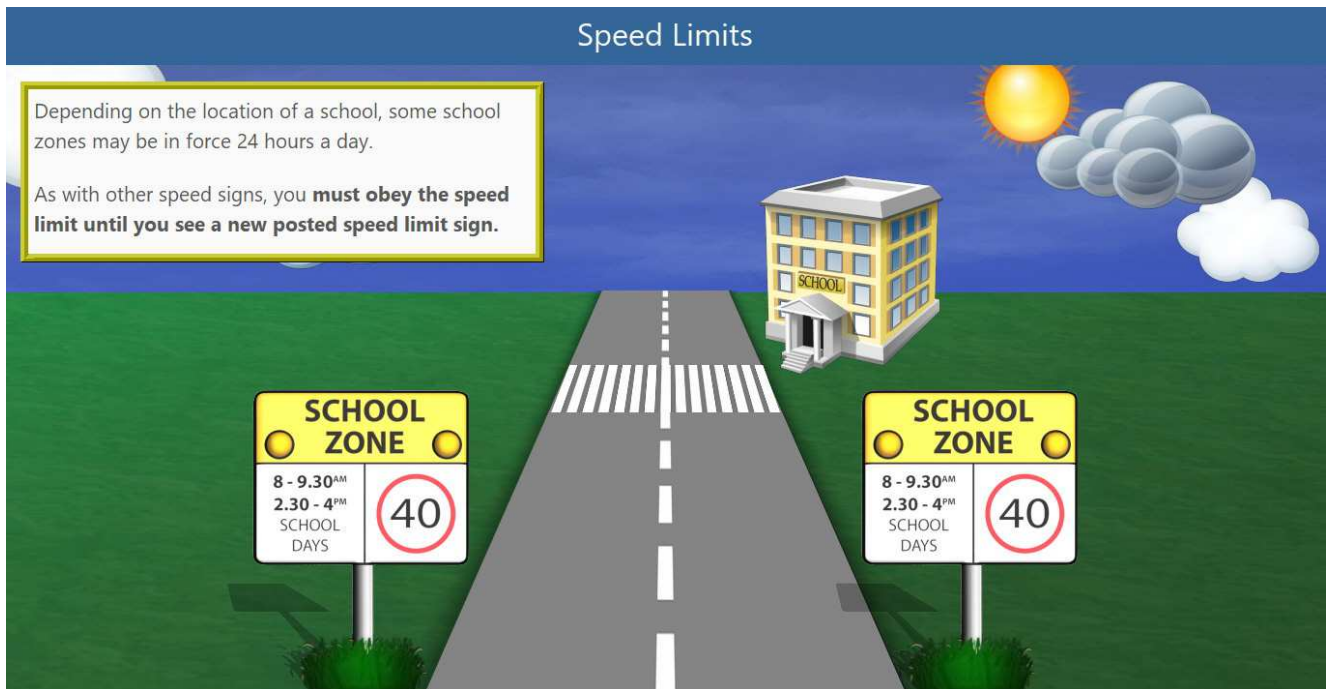
Speed Limits



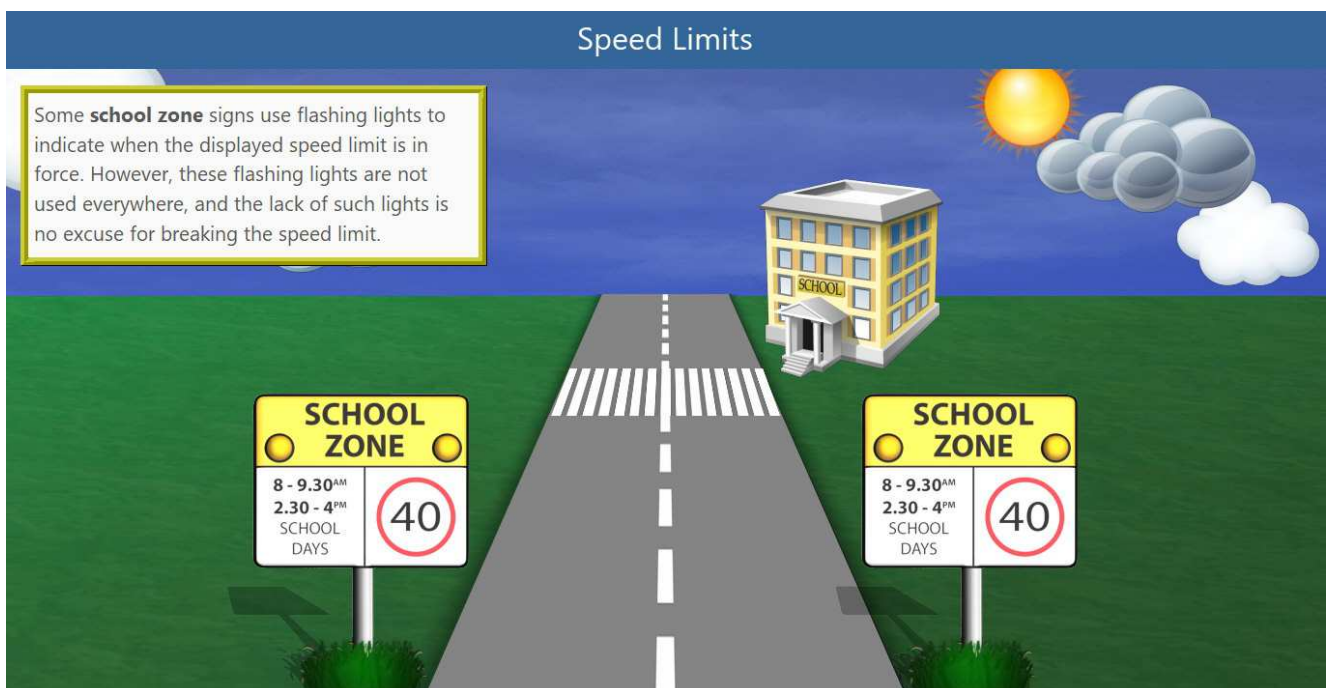
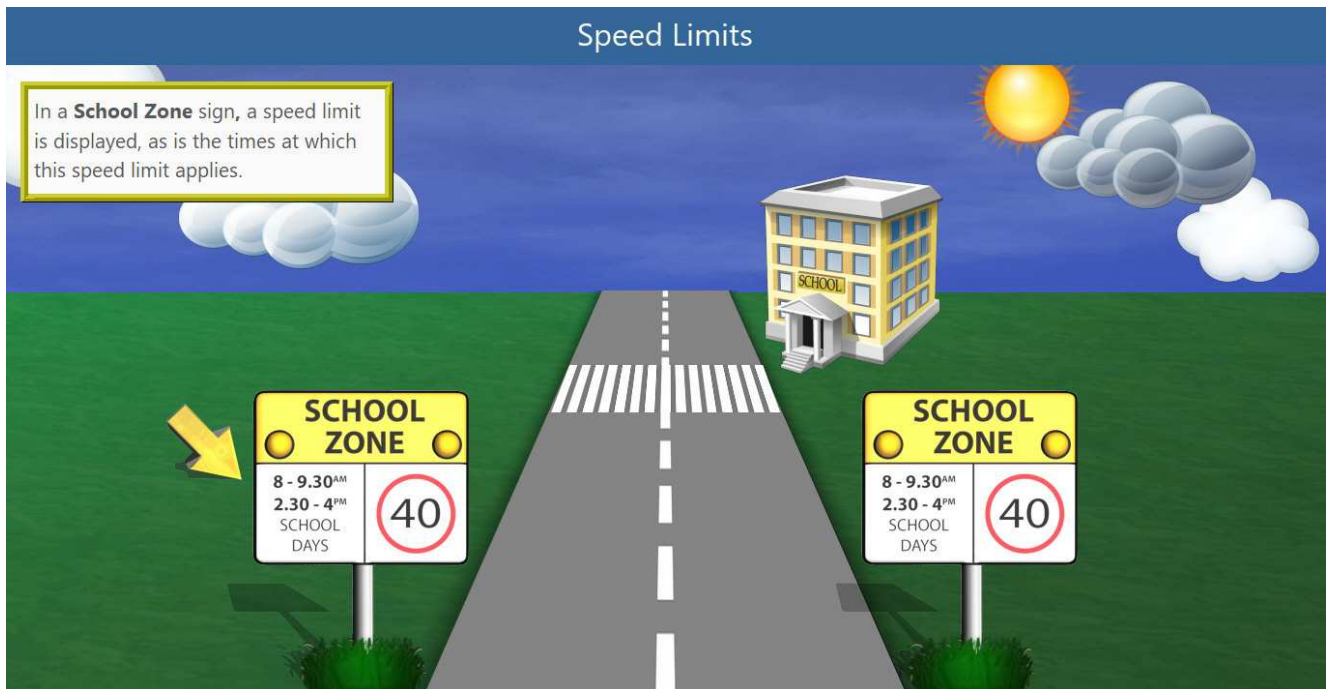
Speed Limits



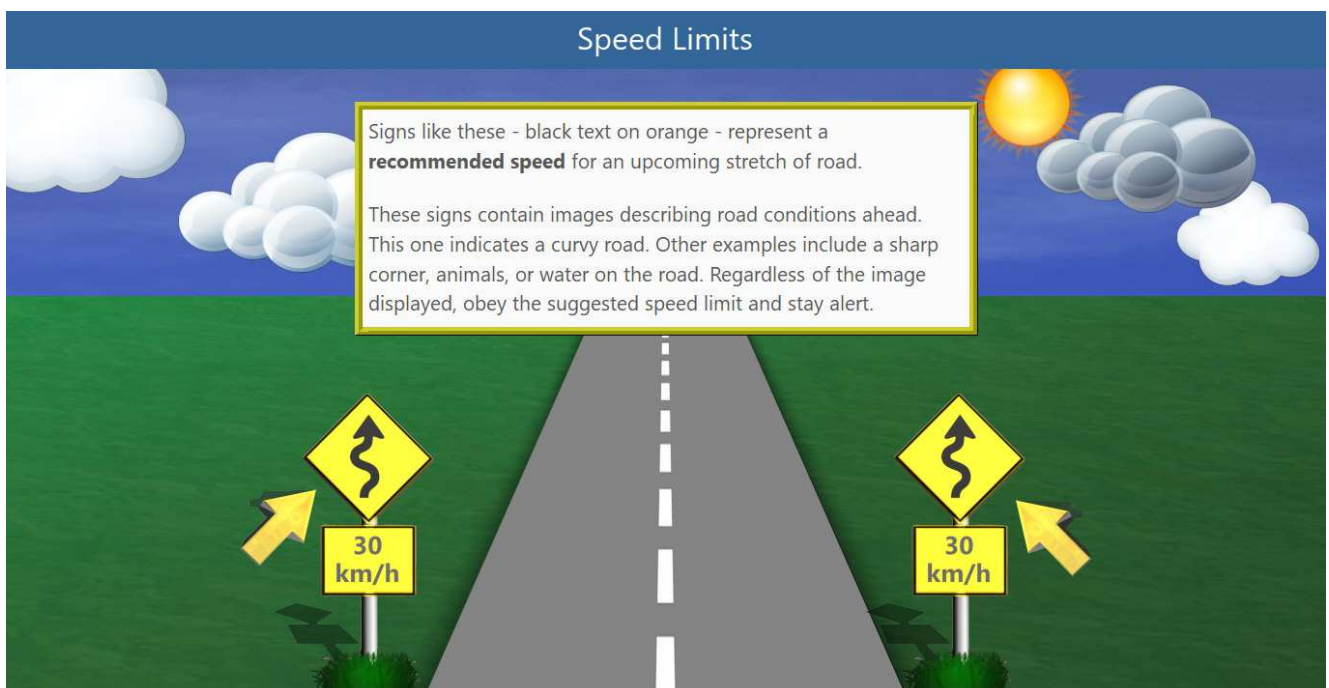
Speed Limits



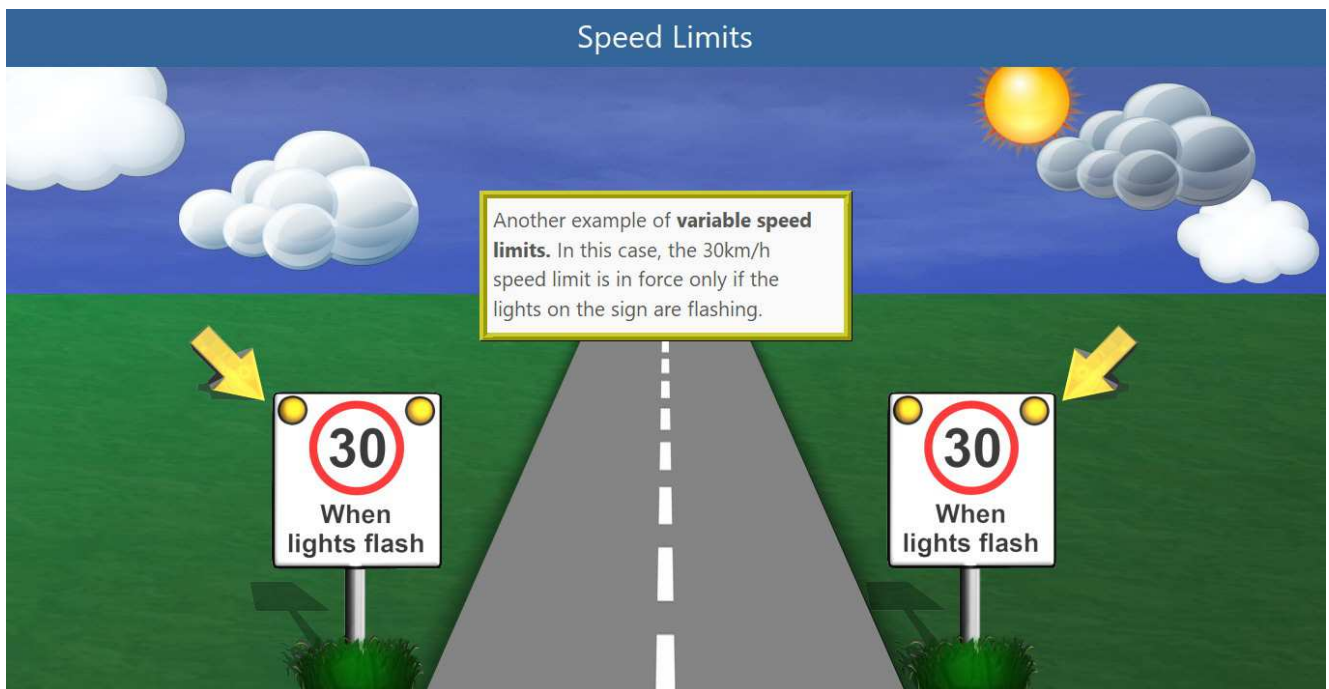
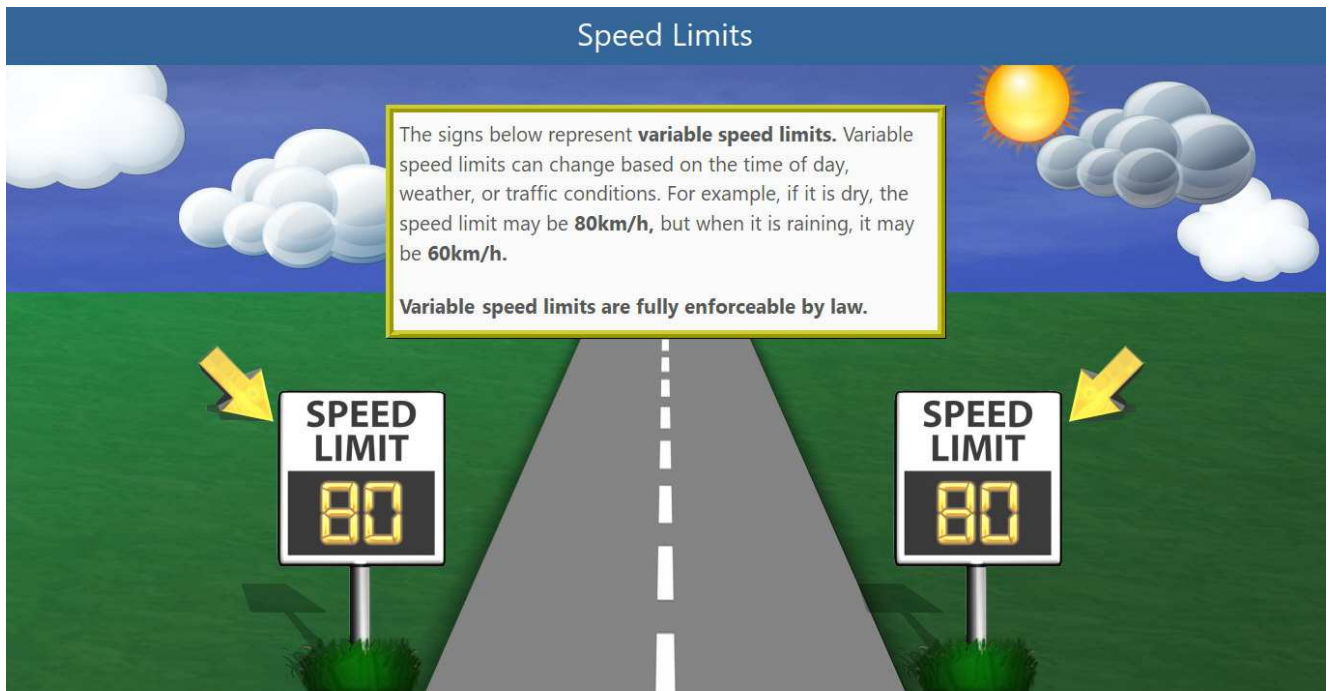
Speed Limits



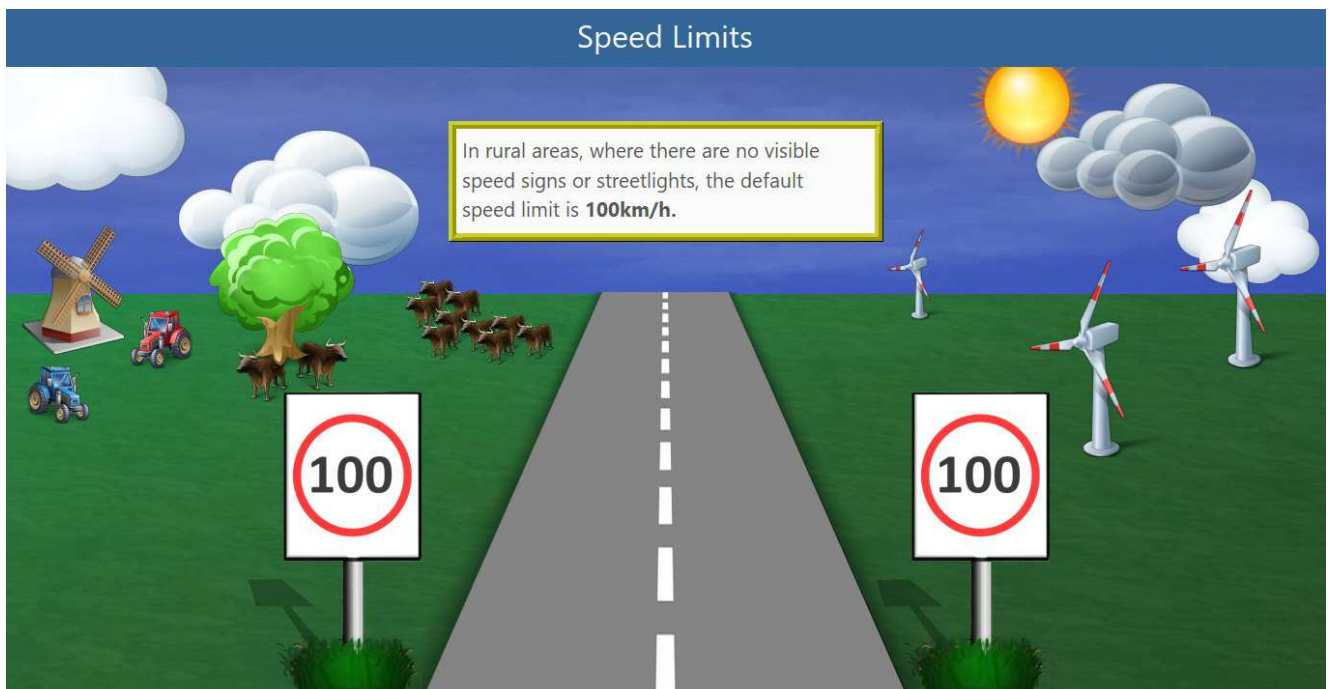
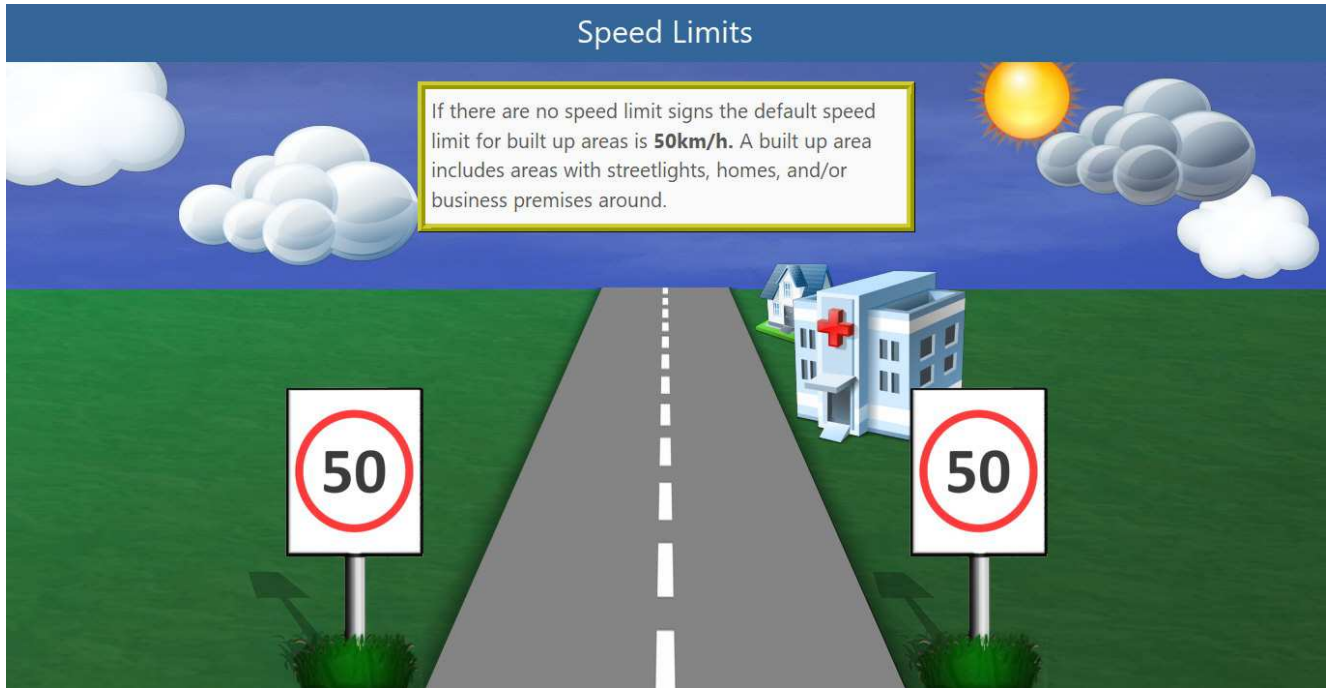
Speed Limits



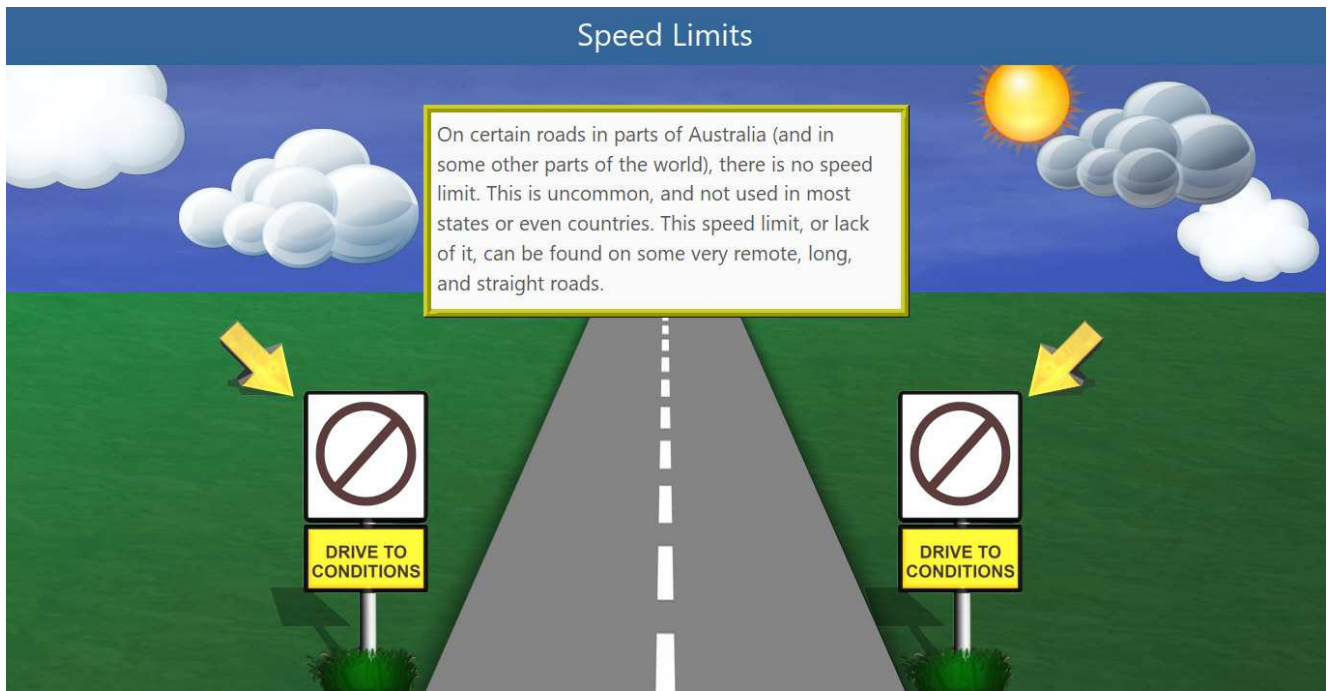
Speed Limits



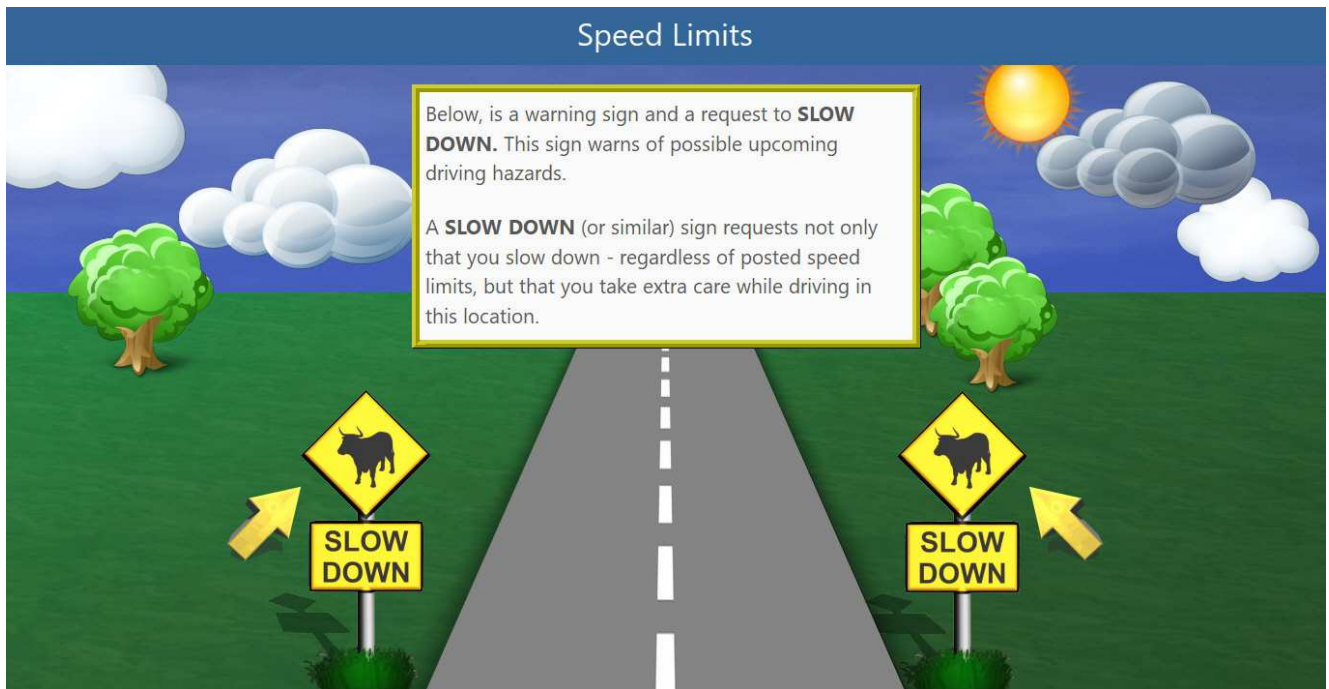
Speed Limits



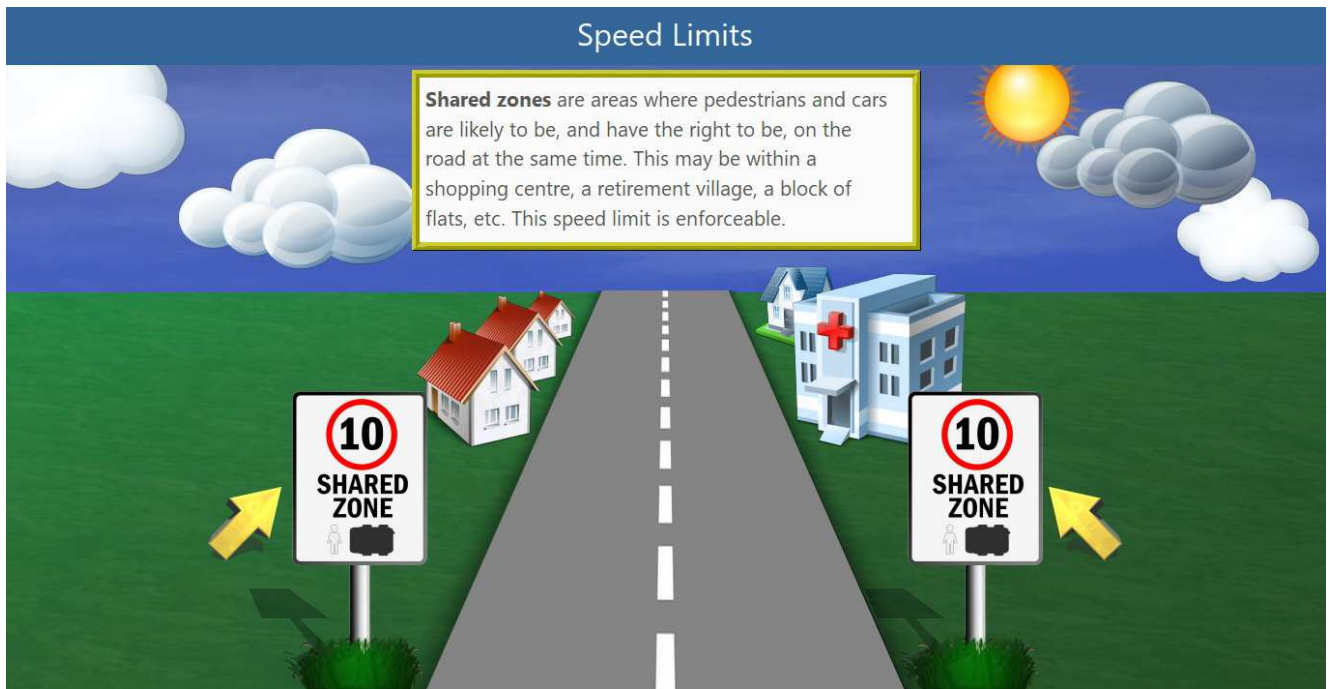
Speed Limits



Speed Limits



Speed Limits



Speed Limits

Getting Caught

You already know that speeding is dangerous. But it can also lead to the loss of your license.

The police can determine your speed in several ways.

- **Radar.** Hand held or mounted devices on the side of the road that can determine your speed.
- **Speed Cameras.** Like **Radar**, **Speed Cameras** can determine your speed accurately, take your photo, and have it sent to the appropriate department before you may even realise you've been booked.
- **Observation.** Police may follow you on the road to determine your speed and whether you have exceeded the speed limit.



Speed Limits

How Close to the Speed Limit Should I Stay?

In general terms, you must obey the speed limit exactly. In practical terms, this is almost impossible - your attention should really lie on the road, and not on your dashboard.

Try your best. In some areas or states, or with some police, you can be fined for as little as a 2 or 3km/h over the limit. It sounds ridiculous, but it does happen. Broadly speaking, you would be unlucky to be fined at anything less than 5-10km/h over the limit, but again, it does happen.



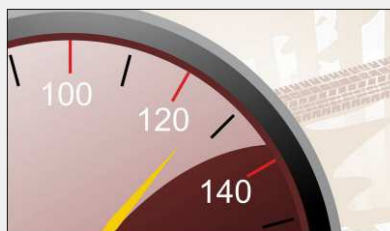
Speed Limits

Speedo Error

Speedo error is the difference between how fast you are truly travelling, and how fast your car tells you are travelling.

The law states that cars must display speeds accurate to 10% of the actual speed, plus 4km/h. But it must err on the side of overreporting speed. This means if your speedo reads 100km/h, you may actually be travelling at anywhere between 86km/h and 100km/h.

So, unless you actually have a truly inaccurate speedometer, you are likely to be travelling at a lower speed than you think you are.



Speed Limits

Speeds and Navigation Software

If you use navigation software on your phone in your car, you may want to look closely at the navigation software you are using.

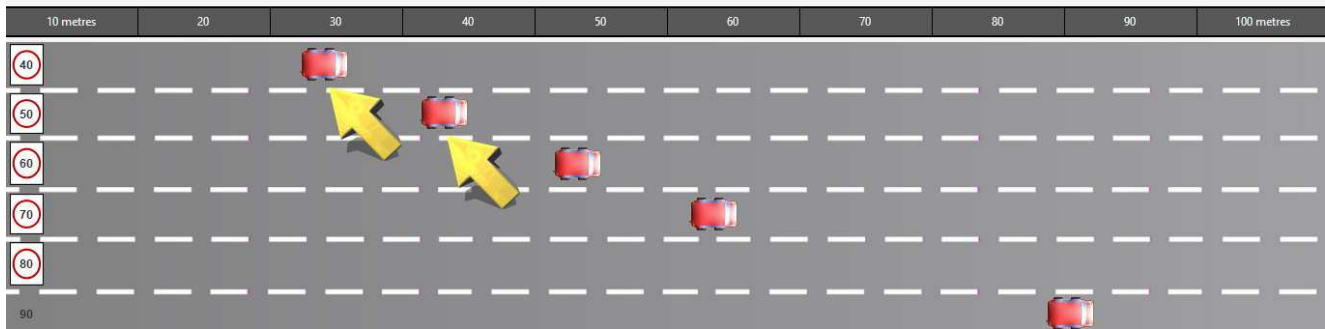
Standard iPhone and Android navigation software does not, at this stage, monitor your speed, or relate it to a speed limit in a given area.

You are lucky, however, that these phones allow you to select from a range of navigation programs. Some of these programs will keep a track of your speed, and even sound alerts should you exceed the speed limit in a given area.

Check the app store for the range of navigation software you can download, and check for these features. It could save lives, and at the very least, money from fines.



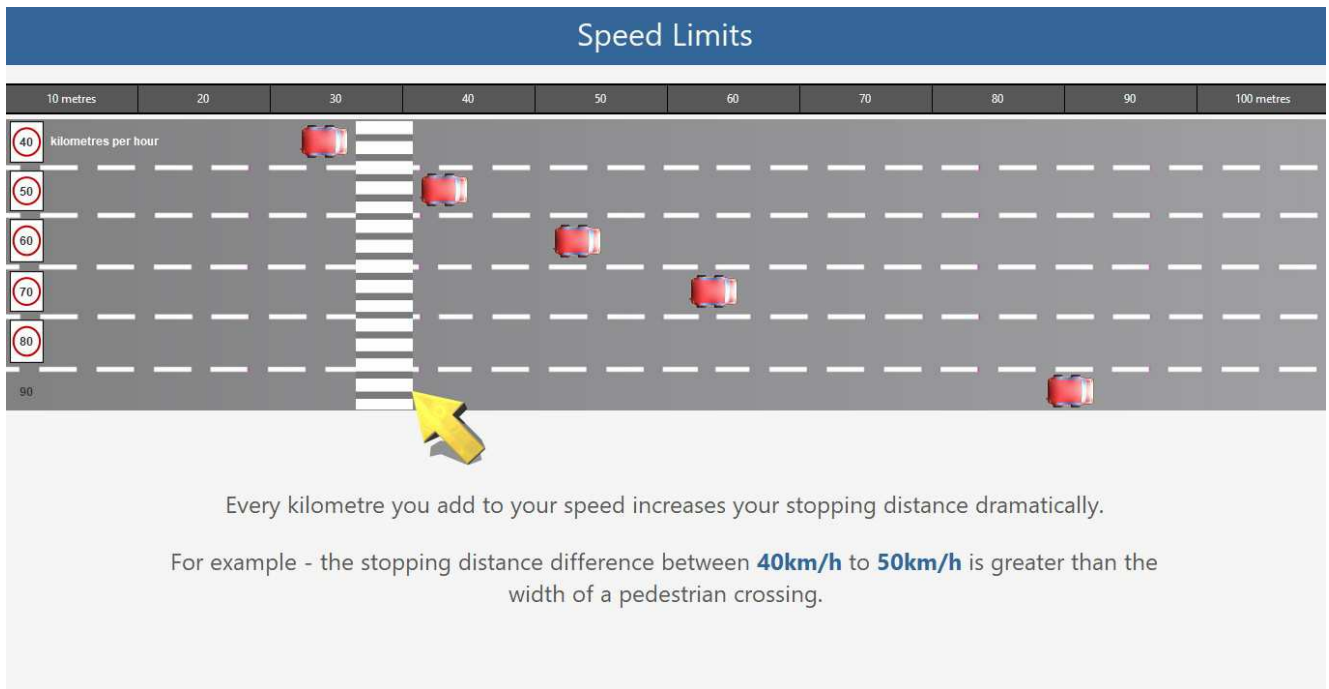
Speed Limits



The animation above indicates how far it takes, on average, to come to a complete stop while driving at certain speeds.

The faster you go, the longer you take to stop. At **40km/h**, the combined driver reaction time and braking distance of the average car is **26 metres**. But add just **10km/h** to your speed, and the stopping distance blows out to **35 metres**. And this is under ideal conditions.

Speed Limits



Speed Limits

SUMMARY

- **Speeding** is one of the most dangerous things you can do in a car. Speeding kills hundreds of thousands of people worldwide each year. You must **obey all speed signs**, Drive to the conditions.
- **Variable speed limits** are fully enforceable. **Work Ahead temporary speed limits** are fully enforceable.
- **School zones** apply speed limits at given times of the day and days of the week. If you speed, not only are you and the general public in danger, but you can easily **lose your license**.
- **Police** detect if you are speeding in a variety of ways - cameras, radar, observation. A speed limit remains in force until a new posted speed limit sign is visible.

[FINISH LESSON](#)

Speed Limits

Speed Limits

Signature. It is very important that you use the mouse, or touch, to *sign* the form below. This helps us record your progress accurately.

SUBMIT SIGNATURE

CLEAR SIGNATURE

Speed Limits

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In this lesson, we discussed **Speed Limits**.



Speed Limits

