

SCIENCE 18976

Demonstrate knowledge of science in relation to a vehicle

The Car

Level 1, 2 credits

Demonstrate knowledge of science in relation to a vehicle

You will be able to

- Describe and explain the function of the main parts of a vehicle
 - radiator
 - shock absorber
 - drive shaft
 - bumper
 - muffler
 - brakes
 - gears
 - engine
 - tyres

- Calculate the speed of a vehicle
 - speed is calculated by equation: $v=d/t$
 - use appropriate units for speed eg m/s

- Describe how factors influence stopping distance
 - speed
 - reaction time
 - tyre tread
 - surface
 - mass

