

Teacher information

Activity

Resources:

- > Student worksheet
- PowerPoint slide with YouTube clip



To help demonstrate the challenges that occur when trying to text, whilst also concentrating on something else (e.g. the road), students should watch the YouTube video (embedded in the corresponding PowerPoint slide), whilst they attempt to text or type the sentence shown on the screen and their worksheet.

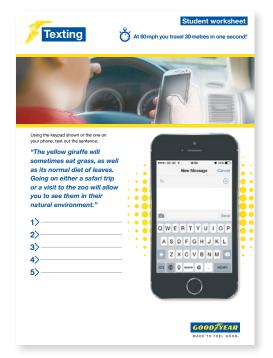
NOTE *If students are able to use their mobile phones, it will be a more effective exercise.

The aim is for the students to feel as though the priority of the activity is to complete the text message, with the secondary action being to watch the film. After the film is complete, students should show by raising their hands, how many completed the text.

It should be made clear that it is against the law to text whilst driving and that fines apply to those caught. There are still many drivers who break the law and text on their phone whilst driving as they don't realise how dangerous it is.

After students have given their responses, ask them the following questions. They should write their answers in the allocated space on the worksheet.

- 1> What colour shirt is the man on the cliff wearing?
- 2> What colour is the dog's collar?
- 3> Two of the drivers in this film are wearing watches, but on which wrist?
- 4> In the rain sequence, how many people can you see holding umbrellas?
- 5> What is the baby holding?











At 60mph you travel 30 metres in one second!*



Using the keypad shown or the one on your phone, text out the sentence:

"The yellow giraffe will sometimes eat grass, as well as its normal diet of leaves.
Going on either a safari trip or a visit to the zoo will allow you to see them in their natural environment."

1>-			
2>-			
•			
•			
5>-			







Teacher information

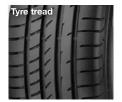
Resources:

> Student worksheet



Working with automotive repair experts KwikFit, we have pulled together a few basic checks that drivers should carry out on a regular basis.

Below are the answers for you to review with your students post-exercise.



Potential problem

Low tyre tread, low tyre pressure, cuts or bumps.

How to check

Place 20p in one of the grooves of the tread – if you can see some of the bottom outer edge, take the car in to get it changed. Use a tool from an automotive retailer to check your pressure. Look at or feel the tyre for bumps or cuts.



Potential problem

Not enough oil in the car.

How to check

Use the dipstick found under the bonnet - pull it up, wipe it clean using an old rag, place it back into position, pull it out again and the mark on the stick will indicate if the oil is between maximum and minimum level.



Potential problem

Not enough washer fluid in the car.

How to check

With the bonnet open and safely propped, look for the opaque white plastic bottle with a picture of a windscreen and wipers on the cap. Pop it open or unscrew it, and fill.



Potential problem

Light bulb blown or dirt dimming the lights.

How to check

Turn ignition (if necessary), then turn all lights on and walk around the car to check that all the lights are working. Ask a friend or family member to help you check your brake lights and indicators.

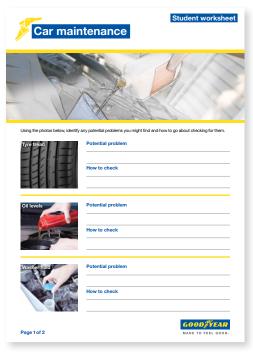


Potential problem

Splits in blades.

How to check

Ensure they are clearing the screen effectively by controlling and holding for approximately three seconds to wash and wipe the windscreen.







Low oil



Low coolant



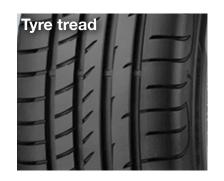
Low washer fluid







Using the photos below, identify any potential problems you might find and how to go about checking for them.



Potential problem

How to check



Potential problem

How to check



Potential problem

How to check







Potential problem

How to check



Potential problem

How to check

Bonus

Below are some warning lights that may come on if there is a problem with your car. Can you identify what each of these symbols means?











Teacher information

Resources:

> Student worksheet



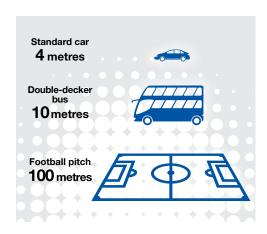
Answers can be made up of different combinations of cars, buses or football pitches.

P	ontones.
•	When travelling at 20 mph the stopping distance is equivalent to:
	3 car/s DD buses FBpitch/es
	When travelling at 30 mph the stopping distance is equivalent to:
	1 car/s 2 DD buses FBpitch/es
	When travelling at 40 mph the stopping distance is equivalent to:
	4 car/s 2 DD buses FBpitch/es
	When travelling at 50 mph the stopping distance is equivalent to:
	car/s 3 DD buses FBpitch/es
	When travelling at 60 mph the stopping distance is equivalent to:
	5 car/s DD buses 1/2 FBpitch/es
•	When travelling at 70 mph the stopping distance is equivalent to:

car/s

DD buses 1 | FBpitch/es

Speed limits	Student worksheet Excessive speed contributes to 24° of collisions in which someone is killed
10 10 10 10 10 10 10 10 10 10 10 10 10 1	
Understanding stopping distances It is important that drivers understand stopping distance in relation to how fast they are travelling. The faster a car is going, the less time the driver has to react to a hazard in front of them, and the longer the car needs to come to a complete stop. Directions Like the visuals given to gauge distances, estimate the distance covered from a steady speed to a complete stop, including both reaction and traviling time. The first question has been completed for you.	Standard car 4 metres Double-decker the three to the three three to the three to t
1) When travelling at 20 mph the stopping distance is equivalent to: 2] car/s DD buses FBpitch/es 2) When travelling at 30 mph the stopping distance is equivalent to:	When traveilling at 50 mph the stopping distance is equivalent to:
ar/s DD buses FBpitch/es 3) When travelling at 40 mph the stopping distance is equivalent to: ar/s DD buses FBpitch/es	Car/s DD buses FBpitch/es 6) When travelling at 70 mph the stopping distance is equivalent to: Car/s DD buses FBpitch/es
*Answers can be made up of different combinations of care, busses or fool	GOOD YEAR MADE TO FEEL GOOD.











Understanding stopping distances

It is important that drivers understand stopping distances in relation to how fast they are travelling. The faster a car is going, the less time the driver has to react to a hazard in front of them, and the longer the car needs to come to a complete stop.

Directions

Using the visuals given to gauge distances, estimate the distance covered from a steady speed to a complete stop, including both reaction and braking time. Answers can be made up of different combinations of cars, buses or football pitches.

The first question has been completed for you.

1> When travelling at 20 mph the stopping distance is equivalent to:	4> When travelling at 50 mph the stopping distance is equivalent to:
3 car/s DD buses FBpitch/es	car/s DD buses FBpitch/es
2> When travelling at 30 mph the stopping distance is equivalent to:	5> When travelling at 60 mph the stopping distance is equivalent to:
car/s DD buses FBpitch/es	car/s DD buses FBpitch/es
3> When travelling at 40 mph the stopping distance is equivalent to:	6> When travelling at 70 mph the stopping distance is equivalent to:
car/s DD buses FBpitch/es	car/s DD buses FBpitch/es

Standard car 4 metres
Double-decker bus 10 metres
Football pitch 100 metres
+ + + + + + + + + + + + + + + + + + +







Prepare a press release on a separate sheet of paper which you would send to newspaper editors regarding the accident below. Remember, press releases are written in the clear structure of the inverted pyramid to the right. Once you have completed this activity, why not write a second press release which demonstrates an alternative outcome had all individuals worn seatbelts?

Who?

Driver: Rachel Hill (19) Passengers: Debbie Brown (17), and boyfriend Lee Bremmer (19)

What?

Passenger: Brown was thrown from the car and killed when Hill swerved to avoid an animal in the road and lost control of the vehicle.

When?

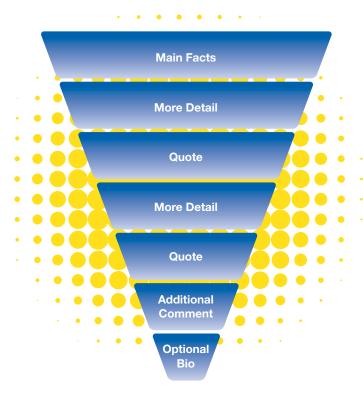
1 a.m. Friday, 6th June 2014 - reportedly following a night out.

Where?

Off the M1, just outside Bushey.

Why?

The court heard that Hill reached speeds of 90mph. Bremmer, who survived the crash, had asked Hill to slow down and suggested both Hill and Brown wear seatbelts. Hill, who also survived was sent to a young offender's institution and banned from driving for six years.





Teacher information *Activity*





Everyone knows that the likelihood of being involved in an accident is considerably higher if a driver is under the influence of alcohol or drugs – yet in a study conducted a few years ago, 91%* of drivers admitted to getting behind the wheel after one or more drinks. This is completely against the law and is in no way tolerated by the police.

Keeping that in mind, everyone gets sleepy at some point in the day, and odds are that you might need to drive whilst being a bit tired. But what level of fatigue is too much? Can sleepiness in fact have just as much of an effect on a driver's ability?

Activity

To encourage an in-class discussion, ask your students the following questions:

- 1) What factors do you think could effect your ability to drive safely?
- 2) What do you think are some physical effects of being under the influence of alcohol which could alter your driving? What about when you are sleepy?
- 3) What changes in behaviour do you think could have an impact on a person's driving?

A few facts for thought



Drink/drugs

- Under the influence of alcohol or drugs, concentration is affected and there is difficulty in perceiving time and distance.
- There can be an increase in impulsive behaviours with tendencies to take more risks and create confusion with the user.
- Alcohol is considered a depressant drug which slows down the activity of the central nervous system, including the brain.
- A person who has been drinking alcohol may think that if they are especially careful, they will be able to drive safely. However, the alcohol may have affected their view and experience of reality.



Fatigue

- Fatigue slows reaction time, decreases awareness and impairs judgement - if you're tired, you're not as aware of others on or near the road, and if you're not aware, you can't slow down or take other steps to avoid a collision.
- > Driver fatigue is believed to contribute to more than 30%** of road crashes.
- Some symptoms of driver fatigue include: trouble focussing, or narrowing of attention; head nodding, or inability to keep the eyes open; not remembering the last few minutes; constant yawning or rubbing eyes.







Activity

Resources:

> Student worksheet



This is an in-class activity where students are divided into groups of four; one becomes the 'driver', the other three are 'passengers' – with four chairs in the middle of the room.

Part 1

The driver

starts off sitting by themselves reciting the alphabet backwards.

Part 2

Passenger 1

joins and starts reciting their four times table.

The driver

has to keep reciting the alphabet backwards.

Part 3

Passenger 2

sits down in one of the chairs and asks the driver their eight times table (e.g. What is 8x2? What is 8x3? Etc.)

The driver

continues reciting the alphabet backwards.

Part 4

Passenger 3

sits down in one of the chairs and starts counting backwards from 100.

Passenger 2

continues asking Passenger 1 their eight times table.

The driver

continues reciting the alphabet backwards.









Distractions can, without a doubt, make it more difficult to concentrate. From passengers, to the radio, to things sliding around in the back seat, there can be all sorts of distractions that surround us as drivers. In order to be a safe driver, we need to try to minimise the distractions that we have the ability to control.

In the space below keep a tally of how many times each driver stumbles over reciting the alphabet and feed back the findings at the end of the activity.

Types of distractions



Driver 1	

Driver 2











Driver 8













Resources:

> Student worksheet

1>	How long does it usually take to get a licence?	A 100hrs	B 25hrs	C 45hrs	D 15hrs
2>	Across the UK, how many Theory Tests are taken every year?	100,000	15,000	800,000	1.5 million
3>	In order to get your licence, you have to be able to read a new-style number plate from metres away?	10	5	20	30
4>	By how much does the likelihood of an accident increase with every additional passenger?	double	5 times	10 times	none
5>	In 2013 what was the average insurance premium for a 17-22 year-old new driver?	£1,198	£296	£599	£1,000
6>	By the time most drivers are 23 years-old, what percentage have been involved in a crash?	12%	20%	50%	37%
7>	At what age do insurance premiums go down for new drivers?	28	22	25	30
8>	What is the percentage pass rate for the UK Theory Test?	63%	45%	24%	71%
9>	What is the average cost of an accident involving a 17-18 year-old?	£3,500	£800	£1,200	£5,000
10>	What percentage of road accidents happen in poor driving conditions (such as rain, snow, fog)?	5%	13%	30%	19%
11>	What is the penalty for talking or texting on your mobile phone whilst driving?	£40/2 pts	£60/3 pts	£80/4 pts	£35/1 pts
12>	Yearly, an average of roadside breakdowns are due to poor car maintenance (including punctured tyre, flat or dead battery)?	100,000	250,000	500,000	300,000





There are many statistics surrounding new drivers and the last thing you want is to be another number! Get ahead of other new drivers by understanding some of these facts and figures. Circle the correct answers to the questions below:

	,	•		•	
		A	В	C	D
1>	How long does it usually take to get a licence?	100hrs	25hrs	45hrs	15hrs
2>	Across the UK, how many Theory Tests are taken every year?	100,000	15,000	800,000	1.5 million
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Teacher answers*



Resources:

> Student worksheet

1 > What vehicles should you allow extra room for when you overtake?	A) Cars B) Bicycles C) Tractors D) Roadsweepers
2 > It is night time and you want to park in a 40mph zone which has traffic flowing in both directions, should you park	 A) On the right side of the road, with parking lights on? B) On the left side of the road, with parking lights on? C) On the right side of the road, with dimmed headlights? D) On the left side of the road without any lights activated?
3 > If you have a collision what will reduce the risk of neck injury?	 A) A properly adjusted head restraint B) Holding your neck upright C) Collapsible steering wheel D) Having no seatbelt on
4 > You see a pedestrian with a red and white stick, what does this tell you? That they are	A) Deaf C) Blind B) Deaf and blind D) Have epilepsy
5 You're involved in an accident with another vehicle. Someone sustains a neck injury and your vehicle is damaged. What should you find out from the other driver involved?	 A) The driver's history of accidents B) The driver's occupation C) The driver's name, address, number and insurance details D) How long the driver has been driving for
6 > You are towing a trailer on the motorway. What is the maximum speed you can go?	A) 30mph C) 70mph D) 40mph
7 > What is the national speed limit for the outside lane of a motorway?	A) 50mph C) 60mph D) 80mph
8 > When approaching an unmarked crossroads, who has right of way?	 A) The driver travelling at the fastest speed B) The driver travelling on the widest road C) The driver travelling in the largest vehicle D) Nobody
9 > While travelling within the legal speed limit, the motorist behind flashes their headlights. What should you do?	 A) Accelerate to generate a gap between you and the vehicle behind B) Brake sharply so the vehicle sees your brake lights C) Keep travelling at your chosen speed, the driver will overtake when they deem it safe to do so D) Wave your hand out the window
10> You may drive over a footpath if	 A) You are accessing a property B) It is at a dip in the kerb C) You need to overtake a slow-moving vehicle in front D) No pedestrians are using the footpath



^{*}Courtesy of TopTests.co.uk



11> If turning left to enter a side road, which hazard should you be most aware of?	 A) Vehicles parked on either side B) If the side road has a one-way system C) Congested traffic D) Pedestrians
12) While travelling within the legal speed limit, another motorist attempts to overtake your car. Should you stop the motorist from doing this?	 A) Yes, as the driver has the potential to harm you, your passengers and other drivers B) Yes, as this driver is making you feel uncomfortable C) Not under any circumstances D) No, unless you're in a safe position to prevent the driver properly
13> You forget to switch off your rear fog lights when you have been driving in fog after it clears. This could:	 A) Lessen your fog light's brightness in the future use in fog B) Affect the engine power C) Be a breach of the law D) Damage your car's battery
14> A police patrol car flashes its headlights at you and the officer points left. What should you do?	A) Pull up on the leftB) Brake immediatelyC) Turn left at the next roundaboutD) Turn left at the next side road
15> How long must you have held your full EC/EEA driving licence for, before supervising a learner driver?	A) One year C) Two years D) Five years
16> When travelling on icy roads, how should you drive?	 A) With the car in the lowest gear available B) With the car in the highest gear available C) With the handbrake slightly on D) With your left foot resting on the brake at all times
17> How many years following the purchase of a new car will the first MOT certificate need to be acquired?	A) Four years B) Two years C) Three years D) A year
18 Excessive or uneven tyre wear can be caused by faults in which of the following:	A) Cooling system C) Exhaust system D) Gearbox
19> What should the left-hand lane of a motorway be used for?	 A) Overtaking traffic in the middle lane B) Breakdowns only C) Vehicles doing the minimum speed limit D) Normal driving
20> What driving style will cause risk to all on the road?	A) Responsible C) Cautious B) Competitive D) Defensive



For the real test you must answer 43 out of 50 questions correctly with a time limit of 57 minutes in order to pass.





You might have a few years to go, but check how prepared you are for the actual Theory Test. This mock test mimics the structure of the real test*. Circle the correct answer to each of the questions below.

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15> How long must you have held your full EC/EEA driving licence for, before supervising a learner driver?	A) One year C) Two years D) Five years
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