

What's happening in the news this week?



Picture News
In the Early Years



Let's have a look at this week's poster!

22nd - 28th January 2024



 Picture
News

**What must a self-driving car
be able to do?**

Molly Riley/UPi/Shutterstock



Rule of Law

There are rules and laws that people must follow when driving vehicles. These help keep everyone safe.



Let's look at this week's story

The picture shows a Mercedes car that has been designed to be a possible self-driving car.

*What do you think a self-driving car is?
Have you ever seen any self-driving cars before?*

It has been in the news that some self-driving cars may be on the roads in England, Scotland and Wales by the end of the year 2026. Discuss what year it is now and count up to 2026.

*What do you think about this?
Would you like to go in a self-driving car? Why?
Do you think we will see lots of self-driving cars
on the roads in a few years' time?*

This week's story looks at events related to ...





Look at and discuss some things every driver must do to make sure they drive a car safely.



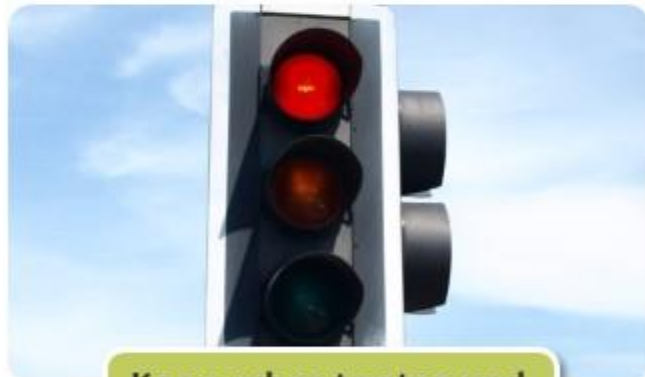
Steer the car.



Look out for other road users.



Read road signs.



Know when to stop and go at traffic lights.



Look out for other dangers.

Before we have any self-driving cars, the people who design and test them will need to make sure they are even better than a car with a driver.

Do you think self-driving cars will be able to do all of these things? Which do you think will be the most difficult to teach cars to do? Why?

Would you like to be able to drive a car one day? Do you think you will or do you think all the cars will be self-drivers by then?

How does it make me feel?



happy



sad



confused



worried



surprised



angry



excited



scared



silly



I'm not sure

Have you heard any new words?



Write any new words here and talk about what they mean

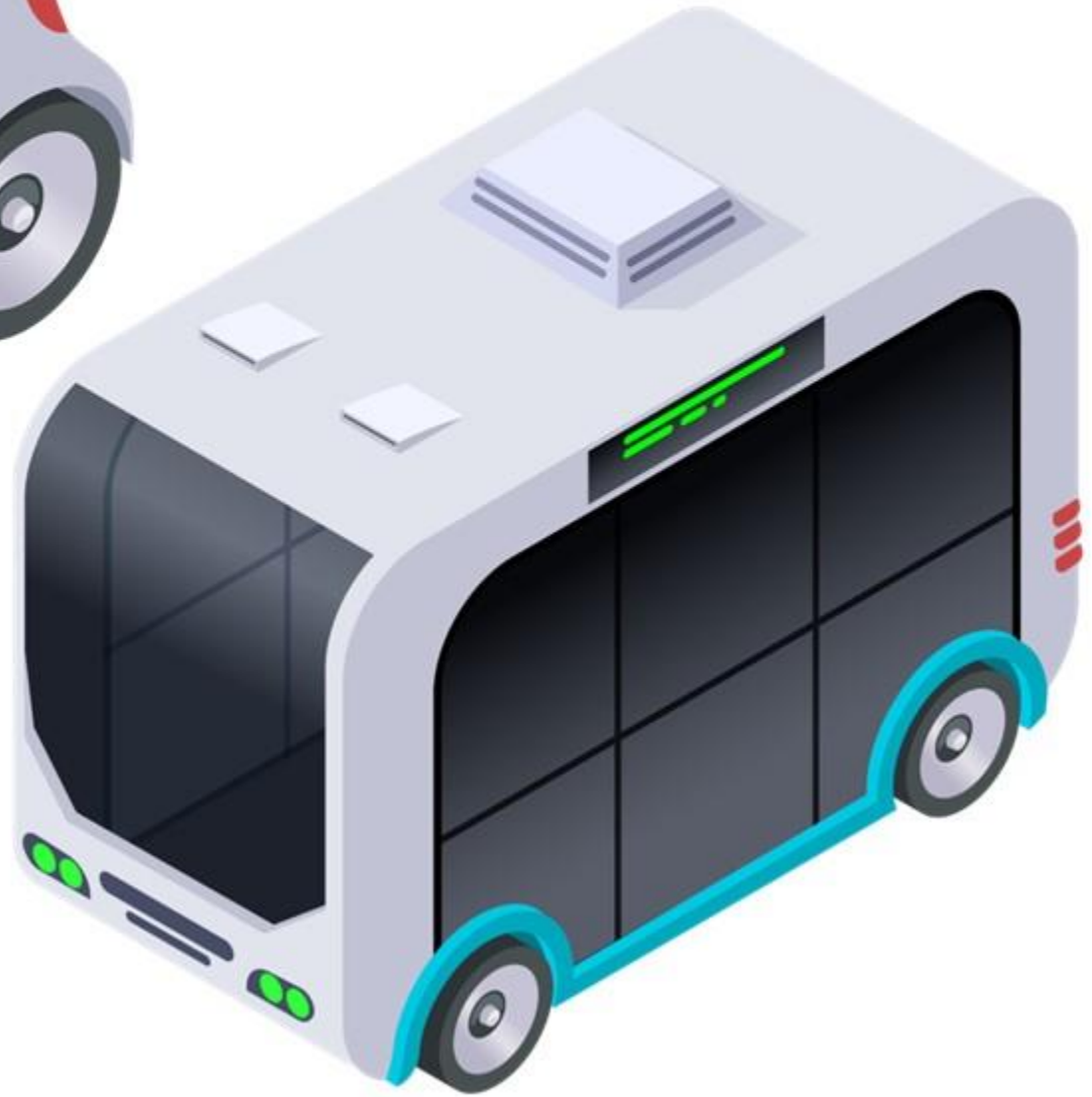




Can you write a list of all the things self-driving cars must be able to do before they start to be used on our roads?

Self-driving cars need to be able to:







5 people get in to a self-driving car. 2 people are dropped off at a café. How many people are left in the car?



There are 3 people travelling in a self-driving car to go to the seaside. The car stops at a garage to recharge. 1 person gets out to go and get a snack. How many people are waiting in the car?



There are 4 people inside a self-driving bus. The bus stops at a bus stop and 2 more people get on. How many people are now on the bus?



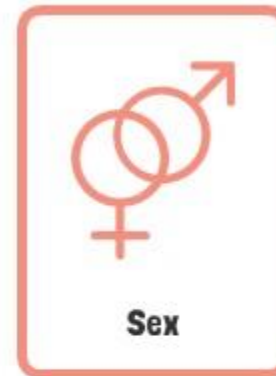
6 people are travelling in a self-driving bus. At the bus stop one person gets off the bus and another person gets on. How many people are on the bus?



Protected Characteristics



Driverless vehicles may give people with disabilities more choice on how to travel. Having a disability should never mean we are treated unfairly.





UN Rights of a Child



When adults make decisions, they should think about how their decisions will affect children. All adults should do what is best for children, which may affect how and when we use driverless vehicles in the future.



Weekly vocabulary



Speaking and Listening	Writing	Small World Role-Play	Maths	Cutting and Sticking
<p>car steering wheel doors vehicles self-driving designed made roads safe driver teach steer stop traffic lights signs road users pedestrians flood</p> <p>seat pedals windows</p>	<p>write list self-driving design must cars start roads steer stop traffic lights learn understand</p>	<p>build pretend city town street road vehicles car bus taxi lorry truck tractor crossing bridge building</p>	<p>driverless car bus maths problem addition add plus subtraction takeaway equals makes altogether left</p>	<p>props road sign traffic lights make draw cut stick attach street junction side of road stop safe city town</p>



Picture News

In the Early Years

Speaking and Listening

Birth to 5 Matters: Shows confidence in speaking to others about their own needs, wants, interests and opinions in a familiar group. Uses talk to organise, sequence and clarify thinking, ideas, feelings and events.

Look at the Picture News poster: What can you see? What do you like or dislike about this picture? What do you think this week's story might be all about?

The picture shows a Mercedes car that has been designed to be a possible self-driving car.

Think about: What do you think a self-driving car is? Have you ever seen any self-driving cars before?

It has been in the news that some self-driving cars may be on the roads in England, Scotland and Wales by the end of the year 2026. Discuss what year it is now and count up to 2026.

Think about: What do you think about this? Would you like to go in a self-driving car? Why? Do you think we will see lots of self-driving cars on the roads in a few years' time?

Small World Role-play

Can you set up a small world scene and make up stories with the different vehicles travelling through the city?

Birth to 5 Matters: Uses language to imagine and recreate roles and experiences in play situations.

Think about: What will we need to make a city scene? What vehicles do we have? Will we need buildings, bridges, crossings? I wonder if any of the vehicles will be self-driving ones? I wonder where

Question: What must a self-driving car be able to do?

Before we have any self-driving cars, the people who design and test them will need to make sure they are even better than a car with a driver.

Think about: What does a driver need to be able to do when they drive a car?

Look at the **EY Resource**, which shows some things every driver must do to make sure they drive a car safely.

Think about: Do you think self-driving cars will be able to do all of these things? Which do you think will be the most difficult to teach cars to do? Why? Would you like to be able to drive a car one day? Do you think you will or do you think all the cars will be self-drivers by then?

this vehicle is going! Will it stop anywhere on the way? I hope everyone is driving safely through the city!

Resources: City road map or road pieces, wooden blocks to make buildings, bridges etc, different types of small world vehicles, vehicle story books, key word cards

Writing

Can you write a list of all the things self-driving cars must be able to do before they start to be used on our roads?

Birth to 5 Matters: Starts to develop their phonic knowledge by linking sounds to letters. Uses their developing phonic knowledge to write things such as labels and captions, later progressing to simple sentences.

Recap on this week's big question, 'What must a self-driving car be able to do?'. Discuss that it is really important that all the car companies that design and make the cars know all the things the cars must

be able to do before they are on our roads. Can we help by writing a list of all the things a self-driving car must be able to do?

Think about: What is the most important thing a self-driving car must be able to do? Why? Can you write it on your list? Can you read your writing back? What else do you think it should be able to do?

Resources: Writing proforma (see **EY Resource 1**), pencils, sound mats

Cutting and Sticking Area

Can you make your own road signs and any other props to help cars to drive safely through the city?

Birth to 5 Matters: Uses available resources to create props or creates imaginary ones to support play.

Think about: How can we make our city safer? The vehicles seem to be travelling too fast and not stopping anywhere to let other cars through. What does this city need so the vehicles drive safely? What signs could we make? Do we need signs

to tell people when they need to stop at a junction? Do you think anywhere needs any traffic lights? How could we make a sign/traffic lights? What could we use? How could we get them to stand up? What colour is a stop sign usually? How will these signs make the city safer?

Resources: Small world city scene (see above), card, lollipop sticks, scissors, tape, felt tip pens

Maths

Can you use the driverless car or bus to help you solve the addition and subtraction problems?

Birth to 5 Matters: In practical activities, adds one and subtracts one with numbers to 10. Begins to explore and work out mathematical problems, using signs and strategies of their own choice, including (when appropriate) standard numerals, tallies and "+" or "-".

Think about: Can you work out this maths problem using the self-driving vehicle and people (see **EY Resource 2** for some examples and printable vehicles)? Can you

talk me through how you worked out the answer? Can you try another one? Can you use the vehicle and the people to make up your own problem? Can you use the +, - and = signs to show what you have done?

Resources: Laminated images of self-driving vehicles and addition and subtraction problem cards (see **EY Resource 2**), sorting people figures, numbers, +, - and = signs, individual whiteboards and pens

Can you **set up a small world scene** and make up stories with the different vehicles travelling through the city?



Provision area	Small World Area
Birth to 5 matters	Uses language to imagine and recreate roles and experiences in play situations.
Key questions (for adults supporting play)	What will we need to make a city scene? What vehicles do we have? Will we need buildings, bridges, crossings? I wonder if any of the vehicles will be self-driving ones? I wonder where this vehicle is going! Will it stop anywhere on the way? I hope everyone is driving safely through the city!
Key vocabulary	build, pretend, city, town, street, road, vehicles, car, bus, taxi, lorry, truck, tractor, crossing, bridge, building

© Picture News 2024

Can you **write a list** of all the things self-driving cars must be able to do before they start to be used on our roads?



Provision area	Writing Area
Birth to 5 matters	Starts to develop their phonic knowledge by linking sounds to letters. Uses their developing phonic knowledge to write things such as labels and captions, later progressing to simple sentences.
Key questions (for adults supporting play)	What is the most important thing a self-driving car must be able to do? Why? Can you write it on your list? Can you read your writing back? What else do you think it should be able to do?
Key vocabulary	write, list, self-driving, design, must, cars, start, roads, steer, stop, traffic lights, learn, understand

© Picture News 2024

Can you **use** the driverless car or bus to help you solve the addition and subtraction problems?



Provision area	Maths Area
Birth to 5 matters	In practical activities, adds one and subtracts one with numbers to 10. Begins to explore and work out mathematical problems, using signs and strategies of their own choice, including (when appropriate) standard numerals, tallies and "+" or "-".
Key questions (for adults supporting play)	Can you work out this maths problem? Can you talk me through how you worked out the answer? Can you try another one? Can you use the vehicle and the people to make up your own problem? Can you use the +, - and = signs to show what you have done?
Key vocabulary	driverless, car, bus, maths, problem, addition, add, plus, subtraction, takeaway, equals, makes, altogether, left

© Picture News 2024

Can you **make your own** road signs and any other props to help cars to drive safely through the city?



Provision area	Cutting and Sticking Area
Birth to 5 matters	Uses available resources to create props or creates imaginary ones to support play.
Key questions (for adults supporting play)	How can we make our city safer? The vehicles seem to be travelling too fast and not stopping anywhere to let other cars through. What does this city need so the vehicles drive safely? What signs could we make? Do we need signs to tell people when they need to stop at a junction? Do you think anywhere needs any traffic lights? How could we make a sign/traffic lights? What could we use? How could we get them to stand up? What colour is a stop sign usually? How will these signs make the city safer?
Key vocabulary	props, road sign, traffic lights, make, draw, cut, stick, attach, street, junction, side of road, stop, safe, city, town

© Picture News 2024