BE A SUPER SPOTTER

Study these pictures and look out for them as you read this book. Can you answer the super spotter questions?



Which car can drive on water?

Which car has these headlights?





Which car has a door like this?

Which car is driving on logs?



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HYPERCARS

Some sports cars are so fast and fantastic that only the richest people in the world can afford to buy them. These beautifully designed supercars and hypercars can cost more than two million dollars (£1.6 million) and are very rare.

Can you point to?



wheel rear spolier badge



Koenigsegg Gemera

Koenigsegg

When this Swedish hypercar goes into production its plug-in hybrid V8 engine will make it the most powerful production car in the world!

How many McLaren F1 supercars were made?



McLaren Solus GT

Bugatti

This is one of the most expensive cars in the world. Only 500 Bugatti Chirons have been made.

Bugatti Chiron

McLaren

In 1994, McLaren produced one of the first modern supercars: the F1. Just 107 F1s were made. The Solus GT hypercar is one of the latest cars from McLaren, but unlike the F1 it can only be driven on a track.



The Bugatti Chiron has a sleek, streamlined body

FOUR-BY-FOURS

These big, strong vehicles are driven by all four wheels at the same time. Four-by-fours can easily climb up steep slopes, drive through mud and pull heavy loads. These powerful vehicles are often used on farms.

Can you point to?



lights | wing mirror | spare wheel



Jeep Commander

A good grip

Jeeps, Land Rovers and Hummers have powerful engines. They can drive over rocks, mud, ice and snow and up steep mountain tracks without slipping.



Hummer H2

What colours are these four-by-fours?

Land Rover

The first Land Rover four-by-four was developed over 75 years ago. Some Land Rovers have a snorkel so they can drive through deep water and mud.



Land Rover Discovery



Jeep Wrangler

Jeep

Jeep began making small four-by-fours during the Second World War for soldiers to get around quickly. Modern Jeeps are much larger now.



ELECTRIC CARS

Until recently, most cars have used fossil fuels, such as petrol, diesel or gas. Electric vehicles have a large battery and use electric motors instead. They are quiet and produce no exhaust fumes, making them much cleaner. Hybrid cars use both an electric motor and a petrol engine.

Charging

The batteries in today's electric vehicles need to be charged either at home or by plugging them in at public charging stations.



Nissan Leaf

charging station

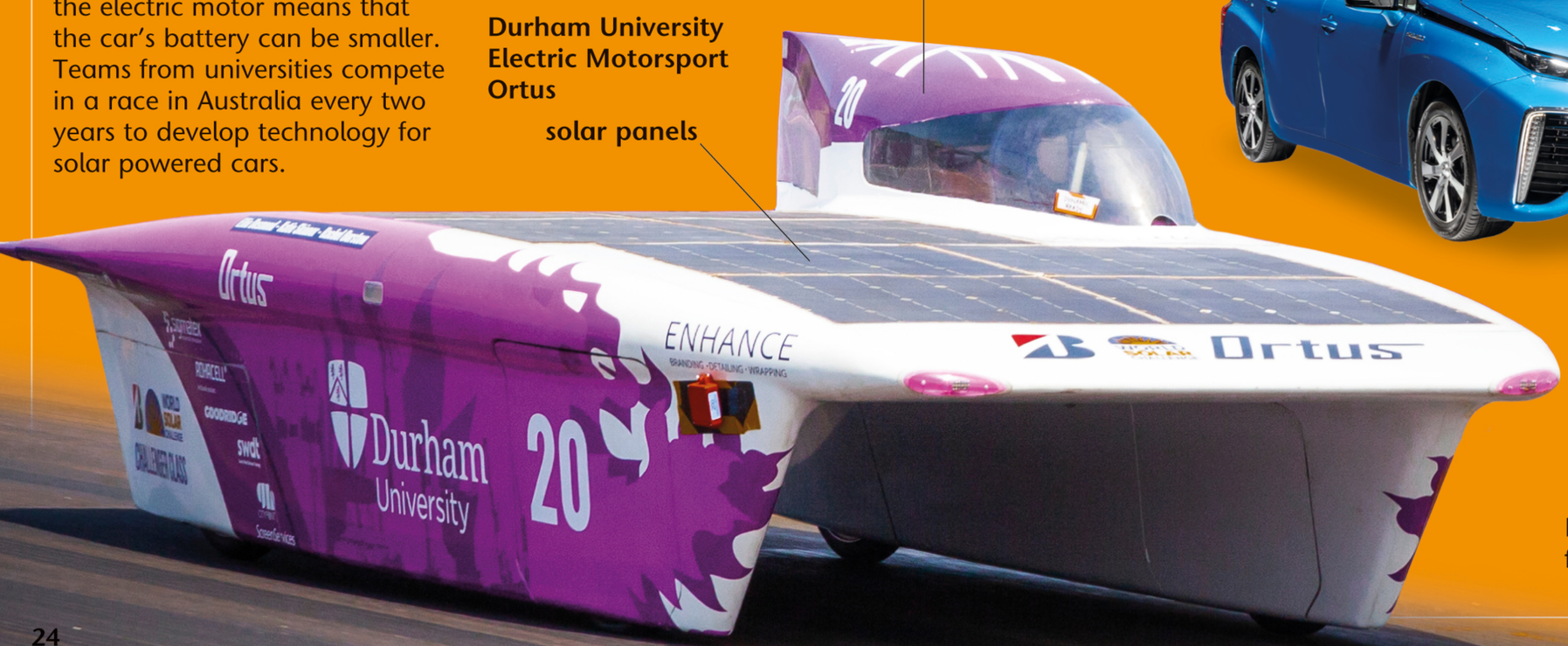
Solar power

Getting power from the sun for the electric motor means that the car's battery can be smaller. Teams from universities compete in a race in Australia every two years to develop technology for solar powered cars.

streamlined cockpit

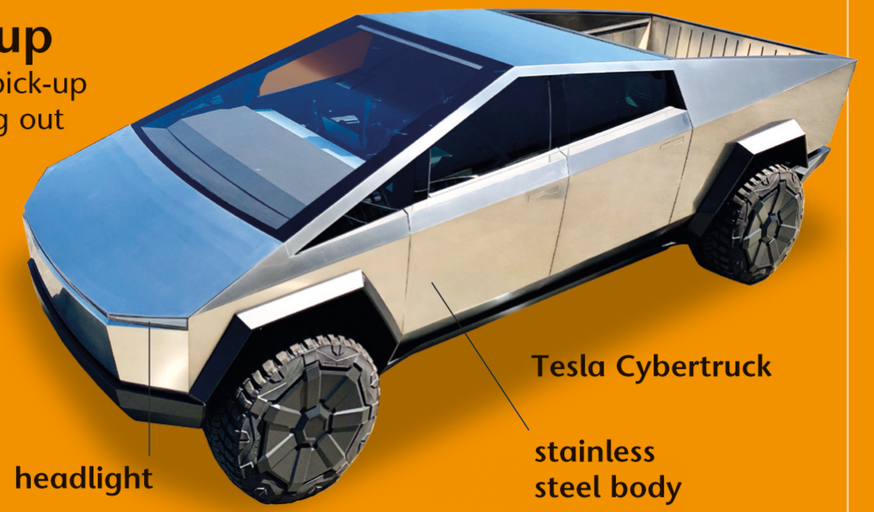
Durham University Electric Motorsport Ortus

solar panels



Powerful pick-up

Tesla's futuristic electric pick-up truck looks like something out of a science fiction film. It is faster than many supercars and can go from 0 to 60 miles per hour (96 km/h) in 2.6 seconds. The body is made from stainless steel panels that are cut into shape by lasers.



Tesla Cybertruck

headlight

stainless steel body

Which of these cars is powered by the sun?



Toyota Mirai

Fuel cell

Fuel cell cars like this Toyota Mirai don't need big batteries. They use hydrogen and oxygen to produce electricity to power their motor instead. They are very clean, giving off only water vapour and warm air.



Hydrogen fuel cell

FUN CARS

Some cars are unusual and great fun. There are small electric ones, big, extra-long ones, brightly-coloured ones and a few cars that do not look like cars at all. One car even drives on water!



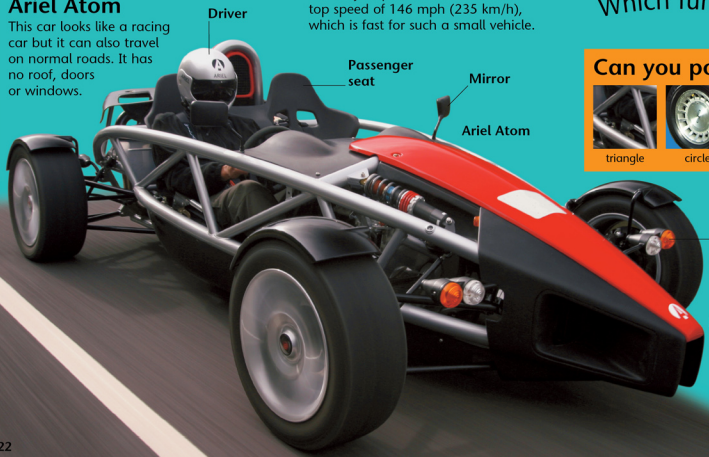
Mini Cooper

Mini Cooper

The Mini Cooper is a little car, so it is easy to park in cities. It has a top speed of 146 mph (235 km/h), which is fast for such a small vehicle.

Ariel Atom

This car looks like a racing car but it can also travel on normal roads. It has no roof, doors or windows.





Hummer H2

Stretch limos

Some limousines are big enough to party in! They can be used to take a group of friends to special events, such as a wedding or a school prom.



Lincoln Town Car

Which fun car has no roof?

Can you point to?

triangle circle stripe



Microlino

Bubble cars

Bubble cars are small, cheap and fun to drive. This Microlino bubble car runs on electricity, making it good for use in cities.

Aquada

This car can drive on land and on water. On water, the wheels are hidden inside the car. It is fast enough to pull a water-skier!



Gibbs Aquada

SPORTS CARS

These fast, exciting cars are sports cars. They have low, sleek bodies that sit close to the ground. The Lamborghini Huracán is named after a famous Spanish bull. Huracán means 'hurricane' in Spanish. Sports cars cost a lot of money.



Ferrari 296 GTB

Ferrari

This Italian sports car is very fast, thanks to an electric motor that helps the petrol engine. It is Ferrari's first plug-in hybrid sports car.



Porsche 911 GT3

Rear spoiler

Porsche

This German car can go from 0 to 60 mph (96 km/h) in less than four seconds. It has powerful brakes so it can stop quickly.



Inside a Lamborghini

Lamborghini

This sports car is powered by a V10 engine and has a top speed of 201 miles per hour (mph) or 324 kilometres per hour (km/h).

Which sports car is named after a famous bull?

Space for two people

LED headlights

Low body

Lamborghini Huracán