

Road testing

Download the quiz at fundraising.scouts.org.uk/the-british-army

Quiz your section on cars, climate change and how to reduce road traffic emissions

Cars and other road vehicles are the UK's largest source of the greenhouse gas CO₂ (carbon dioxide). The good news is that car manufacturers are developing ways to make vehicles more environmentally friendly. In the meantime, there are plenty of things vehicle owners can do to reduce emissions. CO₂ is harmful

to the planet. It traps heat in the Earth's atmosphere, which means the average global temperature is rising. In 2017, NASA found that 17 of the 18 warmest years on record had occurred since 2001, and that 2016 was the hottest on record. The knock-on effect is glaciers melting, sea levels rising, weather patterns changing and wildlife habitats becoming threatened.

Suitable for all sections

You will need

- pens
- paper
- copies of the quiz (see link above)

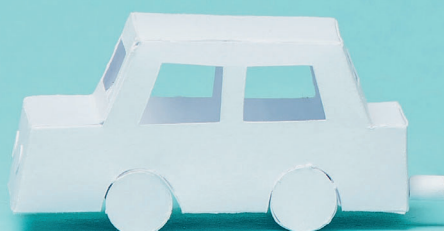
Instructions

1 Before you start the quiz, talk to your young people about the different ways vehicle owners can improve fuel economy and reduce emissions. Ask them if there are any they know of.

2 Divide your section into teams of three or four to take the quiz.

3 Read each question and the multiple choice answers before moving on to the next one.

4 Encourage discussion among the group between questions.



How to reduce emissions

- Drive less, use public transport or walk
- Drive at a constant speed or use cruise control
- Switch off air conditioning
- Make sure your tyres are inflated correctly
- Get the vehicle serviced regularly
- Remove bike racks or roof boxes not in use
- Make sure the fuel cap is on tight
- Close windows to improve aerodynamics
- Remove unnecessary luggage to reduce weight

Answers

- 1:** b. **2:** c. **3:** c.
4: a. **5:** c. **6:** b.
7: a. **8:** b. **9:** a.

Time needed
20 minutes

Badge



The British Army partners the Scout Mechanic Activity Badge

Partner



Outcomes

Your section will learn about the environmental impact of driving and how they can become more responsible vehicle owners in the future. They can also share what they've learned with their families.

Taking it further

Encourage young people to have a go at checking tyre pressures and pumping up a real tyre using a car foot pump, with an adult's support. They can find out the correct pressure or PSI (pounds per square inch) for their vehicle in the manufacturer's handbook.

More information

For more badge resources, activity sheets and safety guidance visit: fundraising.scouts.org.uk/the-british-army