

Road worthy

Quiz your section on how to reduce traffic emissions with the Army

Questions

Q1. Which greenhouse gas accounts for the majority of car emissions?

- a) Carbon monoxide
- b) Carbon dioxide (CO₂)
- c) Nitrous oxide

Q2. How can your vehicle's tyre pressure effect its environmental impact?

- a) It's better to have low-pressure tyres as this uses less fuel
- b) Putting too much air in your tyres wastes oxygen
- c) Keeping your tyres at the correct pressure helps your vehicle use less fuel

Q3. How often should engine oil be changed to keep your vehicle running smoothly?

- a) Every time you put fuel in your car
- b) Every week
- c) Every 10,000 miles or annually – whichever comes first

Q4. What impact do bike racks and roof boxes have on a vehicle's fuel efficiency?

- a) They affect the vehicle's aerodynamics and create drag, increasing consumption
- b) They make the vehicle go faster
- c) They help the vehicle use less fuel

Q5. Apart from releasing emissions, how else can driving a petrol/diesel vehicle harm the environment?

- a) They go faster than electric cars
- b) By releasing oxygen into the atmosphere
- c) By creating noise pollution

Q6. Which type of fuel for road vehicles will be banned in 2040 in the UK because it's so harmful to the environment?

- a) Petrol
- b) Diesel
- c) Electricity

Q7. What can drivers do to use less fuel?

- a) Close all the windows to minimise drag
- b) Drive faster so the journey doesn't take as long
- c) Keep the fuel tank as full as possible

Q8. How can you find out the correct tyre pressure for a vehicle?

- a) All vehicles have the same tyre pressure
- b) In the manufacturer's handbook
- c) The internet

Q9. Why are electric vehicles better for the environment?

- a) They can be charged using renewable energy
- b) They don't go as fast as vehicles with combustion engines
- c) The electric car industry doesn't produce any greenhouse gases