



FUNCTIONAL SKILLS ENGLISH

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Level 2

Reading: Types of and Navigating Sources

Instructions

- Answer **all** questions.
- Answer questions on separate paper if required.

Information and Advice

- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
- Check your answers.

Source A:


The image shows a browser window with the URL <https://techreview.com/self-driving-cars>. The page has a green header with a globe icon on the left, the text "Tech Review" in the center, and a car icon on the right. The main content is divided into several sections:

- KEY STATISTICS**
 - Electric cars
 - Pollution rate: 30%
 - Average car price: £15,000
 - Electric car crashes per year: 1,300
 - Cars owned: 1 million
 - Petrol cars:
 - Pollution rate: 80%
 - Average car price: £3000
 - Car crashes per year: 18,000
 - Cars owned: 18 million
- ELECTRIC VS PETROL - THE BASICS**

The debate between users of electric cars and petrol cars has been ongoing since the boom in popularity of electric cars. Electric cars are considered more environmentally friendly, and reduce pollution when they are utilised properly. There are some critics that argue they are too expensive for widespread use so the benefits are limited. Petrol cars in comparison are cheaper than electric cars, but pollute the air and create louder noises when used. However they are more widely available to the population, so more widely used.
- CRASHES EXPLAINED**

While the initial statistics concerning car crashes might be alarming for some readers, there is more context to consider. Electric cars being more available to customers has only happened in recent years. Therefore, not as many people own them as they do petrol cars. This means that accidents in electric cars are technically less likely.

This graph shows the increase of electric car ownership over the last six years. As you can see, there is a clear increase.


- CAR USE AND CLIMATE CHANGE**

The earth has already warmed by 1 degree in the last 50 years, and another degree difference would cause enormous levels of disruption. Transport is a small way individuals can make a difference. Electric cars are definitely less polluting than petrol cars, and if they are made more accessible, it would have a direct benefit on the planet. Studies have shown if electric cars were used by half the population, global warming would decrease by at least 46%.
- EVALUATION**

We know that electric cars are statistically much better for the environment than petrol cars. However, as you can see from the stats provided, electric cars are simply not affordable for the average consumer. In order to get more people buying and driving electric cars, they should be made more financially accessible. There are concerns that accidents may increase as ownership increases, but this is a systemic problem with cars in general that needs to be managed better.
- GLOSSARY**
 - Financially Accessible:** Easy to buy by people of different incomes
 - Systemic:** Based in the system
 - Consumers:** People who buy things

At the bottom, there are two boxes: "Find out more: www.carsandclimatechange.com" and "Follow us on Instagram! @TechReview" with an Instagram icon.

Turn over ►

- Q1** Is this a **simple** or **complex** source? **[1 mark]**
- Q2** Give **one** reason from the text to support your answer to **Q1**. **[1 mark]**
- Q3** Which **structural feature** gives you information about the increase of electric car ownership? **[1 mark]**
- Q4** How much would global warming **decrease** by if half the population started using electric cars? **[1 mark]**
- Q5** Name **one** reason you would use a simple source. **[1 mark]**
- Q6** What is meant by '**systemic**' in the text? **[1 mark]**
- Q7** What is the **Instagram username** of the company writing the source? **[1 mark]**
- Q8** What **structural feature** compares the statistics of electric and petrol cars? **[1 mark]**
- Q9** By how many degrees has the earth **warmed** in the last 50 years? **[1 mark]**