

Working it out – Finding information on the internet

Introduction

The structure of each question paper may vary, but these examples are typical of the activities that learners are expected to complete.

The examples of learner work are based on the sample paper *P000189 Company Car*. Additional notes are included to give guidance when working with other assessment papers as tasks and mark allocations will vary. The notes are intended to inform the preparation for all papers, and are therefore not only related to the Company Car sample paper.

The comments on the responses are intended to support improved preparation for the assessment, through encouraging an understanding of the skills required. The information provided is not intended to indicate what is a perfect, model answer as the activities can often be approached in different ways and with outcomes that look a little different. More important is that learners demonstrate the appropriate range of skills using ICT tools and features in the applications they have chosen to use.

Levels of response - Response A and Response B

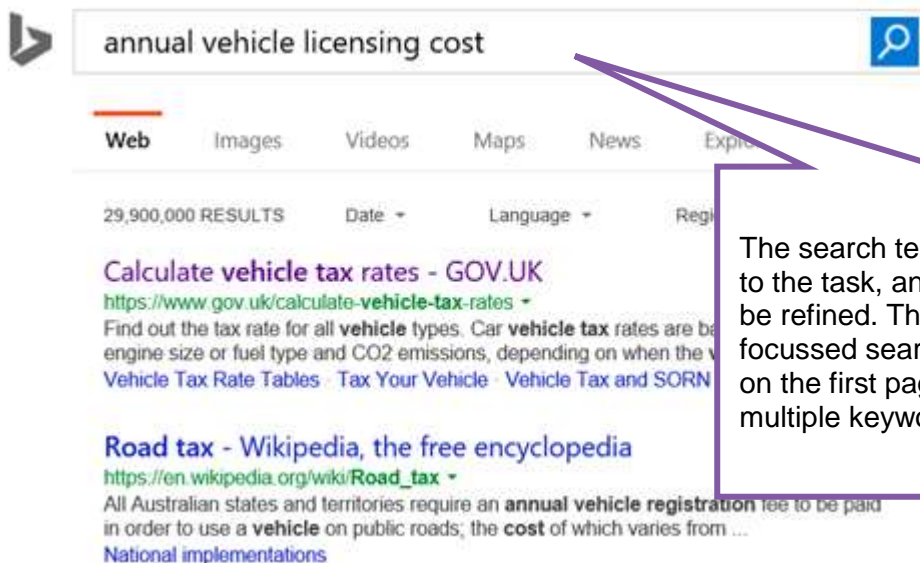
The sample responses show different levels of performance. 'Response A' shows a good level of response from the learner, with a high or full mark likely. 'Response B' shows a response with some weaknesses or omissions that will result in the loss of marks, and demonstrates common weaknesses that are seen in live assessments.

Question 1 - Activity C: Find information from the internet

One of the files your manager sent you by email is a quotation to lease a company car for 3 years. Your manager wants you to find some information to help compare the costs of buying and leasing a company car.

- Use the internet to:
 - find the **annual vehicle licensing cost** (“road tax”) for a car with the CO² emissions specified in the leasing company quote
 - find the lowest average CO² emissions for new cars, as reported in 2011
 - find information on the benefits of leasing a car compared to buying a new car and the main differences between the two.
- Create a new file containing the **information** you have found, the **search words** you used to find the information, and the **addresses** of the web pages on which you found the information. Save the file in your folder.

Marks available: 12

Response A:**(i) Annual vehicle licensing cost**

The screenshot shows a Google search for "annual vehicle licensing cost". The search bar contains the text "annual vehicle licensing cost" and a magnifying glass icon. Below the search bar, there are tabs for "Web", "Images", "Videos", "Maps", "News", and "Expres". The search results show "29,900,000 RESULTS" and filters for "Date" and "Language". The first result is "Calculate vehicle tax rates - GOV.UK" with the URL "https://www.gov.uk/calculate-vehicle-tax-rates". The second result is "Road tax - Wikipedia, the free encyclopedia" with the URL "https://en.wikipedia.org/wiki/Road_tax". A purple callout box points to the search bar and contains the text: "The search terms used are relevant to the task, and enable the search to be refined. This results in a more focussed search and better results on the first page. A search using multiple keywords is expected."

The website <https://www.gov.uk/vehicle-tax-rate-tables/overview> will provide the data required:

Petrol car (TC48) and diesel car (TC49)

Band	CO2 emission (g/km)	Single 12 month payment	Single 12 month payment by Direct Debit	Total of 12 monthly instalments by Direct Debit	Single 6 month payment	Single 6 month payment by Direct Debit
A	Up to 100	£0	Not available	Not available	Not available	Not available
B	101-110	£20	£20	£21	Not available	Not available
C	111-120	£30	£30	£31.50	Not available	Not available
D	121-130	£110	£110	£115.50	£60.50	£57.75
E	131-140	£130	£130	£136.50	£71.50	£68.25
F	141-150	£145	£145	£152.25	£79.75	£76.13

The vehicle licence cost is Band E, £130

(ii) CO² emissions

lowest average CO2 emissions for new cars

Web Images Videos Maps News E

8,780,000 RESULTS Date Language Region

SMMT New Car CO2 report 2016 - SMMT
www.smmt.co.uk/co2report
 Emissions testing; Facts and figures. ... SMMT New Car CO2 report 2016. ... Click through for average new car CO2 1997-2015. Contact us; Acronyms; FAQ;

Carbon Dioxide CO2 Car Emissions | UK New Car Data
www.carpages.co.uk/co2
 The Car CO2 Emissions ... Within our Green Guide to Cars we list the CO 2 Emissions for all of the UK's major new cars. The average CO 2 emissions ... the lowest ...
 0 G/Km · 101 G/Km

NEW CAR CO2 REPORT

Home > New Car CO2 report

SMMT New Car CO2 report 2015

[Click here to read the full SMMT New Car CO2 Report 2015.](#)

[Click here to read the CEBR Future of Motoring Taxation report.](#)

NEW CAR CO₂ REPORT 2015: THE HEADLINES

Although the search has produced a suitable website, the learner must then locate and select the correct information from the website to complete the task.

(iii) Benefits of leasing a car



benefits of leasing a car compared to buying a new car



Web Images Videos Maps News

53,500,000 RESULTS

Date ▾

Language ▾

Cash, loan or lease? - Buying a car - Choosing

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Discover the **benefits** of Which?. ... **Buying a car** Cash, loan or contract hire, there's more than one way to **buy a new car**.

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Buy Versus Lease – the benefits of car leasing ...

[www.contracthireandleasing.com/guides/buy-versus-lease-the...](#) ▾

Thinking of **buying** or **leasing a new car**? We can help you weigh up your options with the Contract Hire and **Leasing** guide to the **benefits** of car leasing

Another search using multiple keywords. Often, a repeat of the phrase from the activity instructions will be effective, but because of the functions of search engines, not all words are required. In this example, 'benefits leasing car buying' will be just as effective.

The screenshot shows the Which? website interface. At the top, there are navigation links: 'Which?', 'PRODUCT REVIEWS', 'CAMPAIGNS', 'OUR SERVICES', and 'ABOUT US'. Below this is a 'Reviews' section with a search bar and category tabs for 'Technology', 'Home & garden', 'Cars', 'Money', 'Baby & child', and 'Energy'. The breadcrumb trail reads: 'You are here: Which? Car home > Choosing a car > Buying a car > Cash, loan or lease?'. The main heading is 'Buying a car' with a sub-heading 'Cash, loan or lease?'. The article text begins with: 'From cash to contract hire, there's more than one way to buy a new car. But which option is right for you? We examine the pros and cons. Figures from the Finance and Leasing Association show that more than 75% of new car sales bought on finance through dealerships in 2014. But rather than traditional hire purchase (HP), where you pay for the car in instalments until you own it outright, most sales have been via personal contract purchase (PCP) deals. PCPs offer lower monthly fees, with a large "balloon" payment at the end of a fixed (typically three-year) term to buy the car. However, few people make the final payment – they simply hand the car back or trade it in for a new one. Already widespread in the US, leasing, or personal contract hire, has also taken off. Effectively long-term car hire, with no option to own the vehicle, it gives flexibility and fixed costs, as maintenance is often included.' An image of a car dealership is shown with a caption: 'Most new cars are now bought on finance through dealerships, such as PCPs.'

The learner must now locate and select the relevant information to complete the task.

Document produced to show the internet search results:

Internet search words and website addresses.

Annual vehicle licensing cost

Search words: annual vehicle licensing cost

Website address: <https://www.gov.uk/calculate-vehicle-tax-rates>

CO2 emissions

Search words: lowest average CO2 emissions for new cars

Website address: <http://www.smmmt.co.uk/co2report/>

Buy or Lease

Search words: benefits of leasing a new car rather than buying

Website address: <http://www.which.co.uk/cars/choosing-a-car/buying-a-car/buying-vs-leasing>

The learner has identified all search terms and website addresses. This evidence may be asked for within a saved document or in an email. It is important that it is clear which the search terms. This information can easily be confused with a title or other information by the examiner if it is not made clear.

Examiner comment:**Marks available: 12 Full marks shown in () below****Marks awarded: 12****Reasons:**

The learner has:

- Found the annual vehicle licensing cost – 2 marks (2)
- Found the lowest CO2 emissions – 2 marks (2)
- Found benefits of leasing vs buying a car – 2 marks (2)
- Clearly identified the search terms used – 3 marks (3)
- Detailed the web page addresses for each part of their internet search – 3 marks (3).

Response B:

(i) Annual vehicle licensing cost

The learner is expected to select and identify the relevant information. The relevant figure here is £130, and so the learner will be expected to state this. Although this table of data shows they have found the correct webpage, it does not show that they have located the actual value required.

Petrol car (TC48) and diesel car (TC49)

Band	CO2 emission (g/km)	Single 12 month payment	Single 12 month payment by Direct Debit	Total of 12 monthly instalments by Direct Debit	Single 6 month payment	Single 6 month payment by Direct Debit
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F	141-150	£145	£145	£152.25	£79.75	£76.13

Website address: www.gov.uk/

The website address is not complete, and will not lead to the relevant web page.

(ii) CO² emissions

(iii) Benefits of leasing a car

In these examples, the learner has used search terms that may produce the correct websites, but they will also find lots of other less relevant websites. Selection of the correct information is then more difficult.

Examiner comment:

Marks available: 12 Full marks shown in () below	Marks awarded: 1
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Reasons:

The learner has:

- displayed a website of vehicle licensing costs but has not identified or selected the relevant information – 0 marks (2)
- not found the lowest CO² emissions – 0 marks (2)
- not found benefits of leasing vs buying a car – 0 marks (2)
- not shown the use of effective search terms in searches for CO² emissions or buying versus leasing, but has shown search terms for vehicle licence costs – 1 mark (3)
- provided one website address but this is incomplete – 0 marks (3).

Examiner tip:

Finding information: Make sure that internet searches are efficient. Searches should make use of a range of key words in the search box to reduce the number of irrelevant results. Candidates should save evidence of the search terms used and make sure that they are clearly identified.