

Essential Skills Wales

Essential Application of Number Skills (EAoNS)

Level 1 Controlled Task

Candidate Pack

Travelling to Work

Sample Version **2.0**

| |
|--|
| Candidate name: |
| Candidate number: |
| Date registered for EAoNS: |
| Unique Learner Number (ULN) <i>(if applicable)</i> : |
| Centre name <i>or</i> number : |

You have up to **4 hours in total** to complete this controlled task, although that time can be split over a number of sessions.

Details of when each session started and ended **must** be recorded below.

| Date controlled task started: | | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Date controlled task completed <i>(no more than eight weeks later)</i> : | | | | | | | |
| Session 1 | Session 2 | Session 3 | Session 4 | Session 5 | Session 6 | Session 7 | Session 8 |
| | <i>Date</i> | <i>Date</i> | <i>Date</i> | <i>Date</i> | <i>Date</i> | <i>Date</i> | <i>Date</i> |
| <i>Duration</i> | <i>Duration</i> | <i>Duration</i> | <i>Duration</i> | <i>Duration</i> | <i>Duration</i> | <i>Duration</i> | <i>Duration</i> |
| Total time spent: | | | | | | | |

If more than eight sessions are required, any further dates/durations should be recorded on a separate sheet.

This task pack contains a scenario, a set of instructions and some source material.

- Make sure you read through the scenario, instructions and source material carefully before you start.
- You will be supervised throughout your time working on this task, although during that time you can use most of the equipment that would normally be available to you in a real-life situation (this may include accessing the internet).
- All work submitted must be **entirely** your own. You are not allowed to be given any help with the skills that are being assessed through this controlled task.
- Make sure you hand in all of your work at the end of **each** session. You are not allowed to take any task materials away with you, or have access to these between sessions.
- Make sure you **sign the declaration** at the back of this pack at the end of your final session working on this task.

Task instructions: Travelling to Work

What you need to find out

Scenario

A friend is considering buying a car to get to work instead of using public transport.

The aim of this task is to:

- investigate the cost of buying a car
- compare the cost of driving with the cost of using public transport
- make a recommendation based on your findings.

What you need to do

Part 1

Make a detailed plan to show how you will do this task.

You must consider:

- the information you need to find
- the calculations you need to do
- how to present your findings.

(Total for Part 1: 4 marks)

Part 2

You must:

- use Source 1 to work out the average (mean) price of new cars. Give your answer to the nearest £10
- choose one of these cars. State which make and model of car you have chosen
- use Source 1 to work out the price of your chosen new car after the discount
- compare, for your chosen car,
 - the price of a new car without the discount
 - the price of a new car with the discount
 - the price of a used car
- present your findings in a suitable way (table, chart, diagram or graph)
- comment on your findings

You must:

- do at least one calculation without a calculator
- show all the calculations you do. If you use a calculator, make a note of what you put into the calculator. If you use a spreadsheet, make a note of the numbers and the formulas you use.

Remember to check your calculations.

(Total for Part 2: 13 marks)

Part 3

Your friend travels 40 miles a day, 5 days a week.

You must:

- use Source 2 to work out the cost per day of using public transport
- use Source 3 to work out the cost per day of travelling in the car you have chosen in Part 2
- present your findings in a different way to Part 2 (table, chart, diagram or graph)
- compare your findings
- recommend how your friend should travel to work and give a reason.

(Total for Part 3: 9 marks)

Resources you should use:

Source 1

- Table - Prices of cars

Source 2

- Information on cost of public transport

Source 3

- Bar chart - Running costs of small cars

Source 1 Table - Prices of cars

| Make and Model | New Price | Discount if bought new at some dealers (%) | Used Price (18 months old*) |
|----------------|-----------|--|-----------------------------|
| D1 compact | £8 345 | 1 | £6 700 |
| P5 hatchback | £9 375 | 5 | £5 625 |
| F21 city | £10 145 | 10 | £9 000 |
| H10 hatchback | £8 705 | 5 | £7 000 |
| B20 micro | £13 750 | 1 | £12 400 |
| R15 hatchback | £8 345 | 1 | £7 000 |
| S11 compact | £8 355 | 5 | £7 000 |
| K7 hatchback | £8 275 | 5 | £7 000 |
| T8 hatchback | £8 695 | 1 | £7 250 |
| V4 hatchback | £10 900 | 10 | £9 000 |

*Prices will vary according to the mileage and condition of the car.

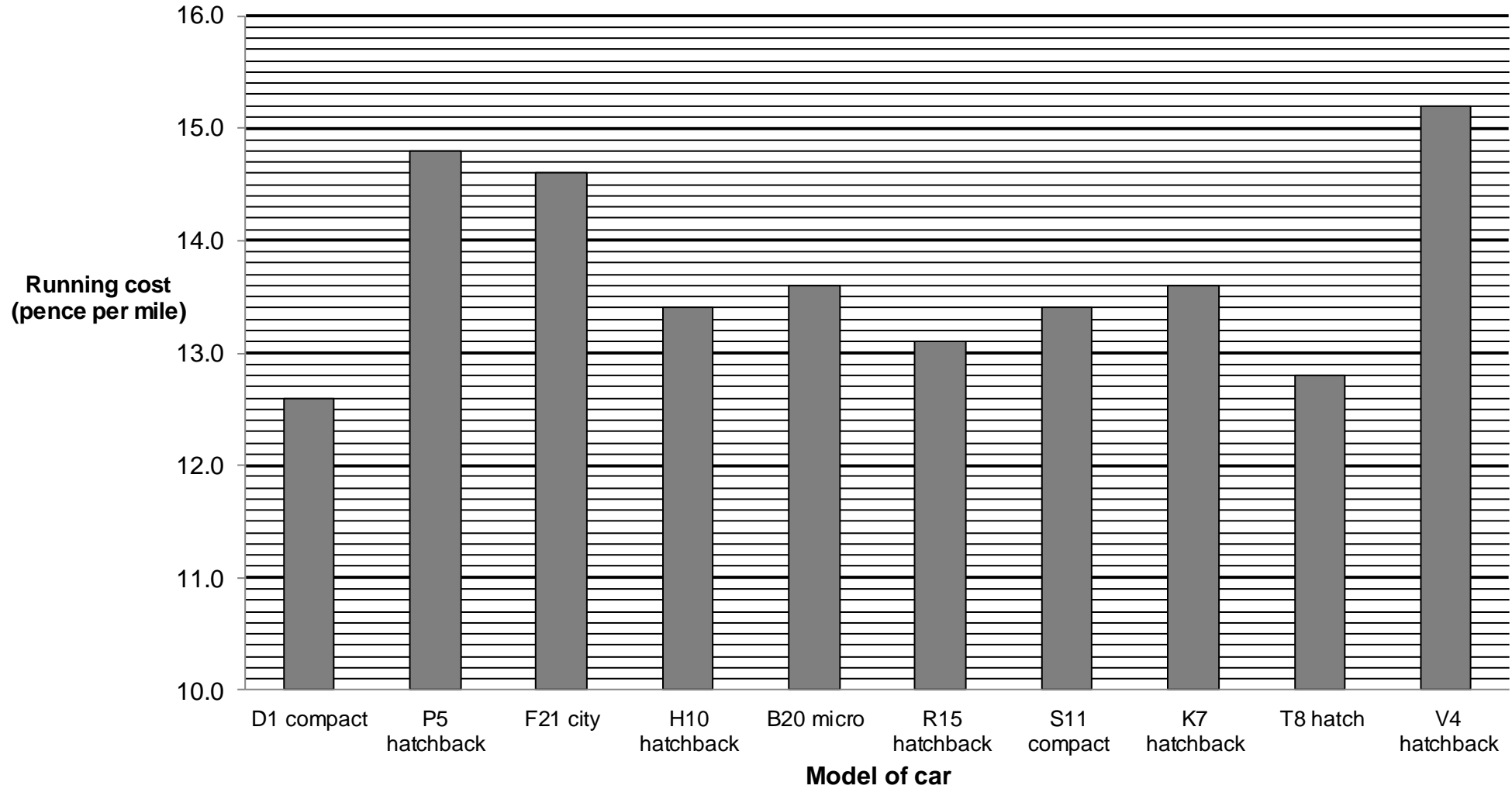
Source 2 Information on cost of public transport

| |
|---------------------------|
| Weekly bus pass £25.90 |
|---------------------------|

| |
|--------------------------|
| 5 day railcard £32.00 |
|--------------------------|

Source 3 Bar chart – Running costs of small cars

Running costs of small cars



Declarations

The candidate and assessor declarations **must** be completed.

Candidate name: _____

Candidate declaration:

I confirm that this is entirely my own work and it was completed during the supervised sessions stated on the front cover.

Candidate signature _____ Date _____

For centre staff and awarding body use only

Assessor declaration:

I confirm that this candidate has met the standard required for the controlled task. The controlled task was conducted under the specified conditions and completed within the working period and working time requirements.

Assessor signature _____ Date _____

Internal quality assurer (IQA) declaration:

(if sampled)

I have internally quality assured this work and confirm that the standards have been met.

IQA signature _____ Date _____

External quality assurer (EQA) declaration:

(if sampled)

I have externally quality assured this work and confirm that the standards have been met.

EQA signature _____ Date _____