



**Functional Skills – Mathematics
Level 1
Assessment Paper**

Time Allowance 1 hr 30 mins



2794-004-1

You need

- A pen – black or blue ink
- A calculator
- Resource sheets

Instructions to Candidates

- Do not open this paper until told to do so
- Write your answers in the spaces provided in the assessment paper
- Show all your workings
- Show how you have checked your workings. Marks are available for this.
- Clearly cross through any work you do not want to be assessed
- If you need more space to complete your answer to any question, use additional sheets of paper and attach them to this assessment paper

Guidance

- Answer all questions
- You are advised to work through the paper steadily, dividing your time between the tasks
- Pay attention to the marks allocated for each question

THE FOLLOWING DETAILS MUST BE COMPLETED
Centre Name
Surname/Family Name
First Forename
Unique Learner Number (ULN) if known
Date of Birth
Date of Assessment
Candidate Signature

	Examiner use only
Marks Q1	<input type="text"/>
Marks Q2	<input type="text"/>
Marks Q3	<input type="text"/>
Marks Q4	<input type="text"/>
Total marks	<input type="text"/>

Healthy Eating

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in this margin.
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You will need to use the information in the resource sheets for this question.

- 1 Freya is trying to eat more healthily. She keeps a food diary for one week. Look at the resource sheet and work out

- (a) Her average (mean) daily calorie intake

Mean average daily intake _____ calories
(4 marks)

- (b) The recommended number of calories for women is 2000 per day. How does Freya's average daily calorie intake compare with this?

Show how you have checked your answer is correct?

(3 marks)

- (c) Should Freya change her calorie intake over the week to keep within the recommended amount? If so, by how much?

Show how you have checked your answer is correct.

(4 marks)

A weekend away

You will need to use the information in the resource sheets for this question

3 Your local youth group has asked you to help plan a weekend activity trip.

(a) The youth club has to send supervisors in the ratio 1 supervisor to every five young people. There are 24 young people. How many supervisors should accompany the group?

_____ supervisors
(2 marks)

There will be activities organised each day for the young people on the camp which need to be timetabled.

(b) You need to know that

- There will be 4 groups of 6 people taking part
- Each person chose one activity they definitely wanted to do, but can also do any other ones
- No person should do any activity more than once
No groups should have a gap without an activity
- The centre has requested that there are as few changes between activities as possible
- The organiser has chosen the activities the group will do on Friday evening, Saturday evening and Sunday morning.

Remember to show how you have checked that your solution works. Use the space below to show your workings and the table on the following page to record your answers.

A	Friday Evening Treasure Hunt	Saturday morning (can be one long session of 3 hours or two different 1½ hour activities)			Saturday afternoon (can be one long session of 2 hours or two 1 hour activities)	Saturday evening (2 hours) disco	Sunday morning (2 hours)	
							roller blading	climbing wall
B	Friday Evening Treasure Hunt	Saturday morning (can be one long session of 3 hours or two different 1½ hour activities)				disco	Sunday morning (2 hours)	
							roller blading	climbing wall
C	Friday Evening Treasure Hunt	Saturday morning (can be one long session of 3 hours or two different 1½ hour activities)				disco	Sunday morning (2 hours)	
							climbing wall	roller blading
D	Friday Evening Treasure Hunt	Saturday morning (can be one long session of 3 hours or two different 1½ hour activities)				disco	Sunday morning (2 hours)	
							climbing wall	roller blading

(7 marks)

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- (c) The centre cooks will prepare pasta with meatballs, a tomato sauce and salad for supper.
They need to cook for the youth club group, and 3 members of the centre team.
Use the information given to complete the catering schedule with the quantity of each ingredient they need and the time they should start cooking so that the meal is ready at 7:30pm.
Remember to show all your workings clearly.

Catering schedule

Complete the table with the quantities of food and number of packs or tins needed for each dish and give times when they need to start cooking each.

Food item	Quantities needed	Packs needed	Cooking time	Start time
Pasta			20 minutes	7:10
Meatballs			50 minutes	
Tomato Sauce	4 onions 2800g tomato	4 onions 3 tins		
Green leaf Salad	960g	5	5 minutes	7:25

Show your workings out in the space below.

Q3 Total marks

(12 marks)

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(Questions continue overleaf)

