

# Supporting a blended maths and English delivery

Laura Dean &  
Katherine Reid



**Digital resources  
to support your delivery**



# Housekeeping



This session is being recorded

The session is being recorded, which will be made available to everyone.



Everyone is on mute

Everyone will be on mute during the webinar.



Questions

Please add your questions into the question function on the control panel. We will endeavour to answer as many questions as possible.



Slides

The slides will be made available to everyone via the Maths and English resource hub.



If the session cuts off

Please use the original webinar link to gain access back into the session. To join over the telephone, select 'phone call' and dial-in information will be displayed

# A quick poll

- Are you currently using any of our digital resources?
- Maths and English SmartScreen
- e-Functional Skills
- Centre Analytics
- Not using any of these resources
- Not heard of these resources

Are you using our Remote Invigilation service?

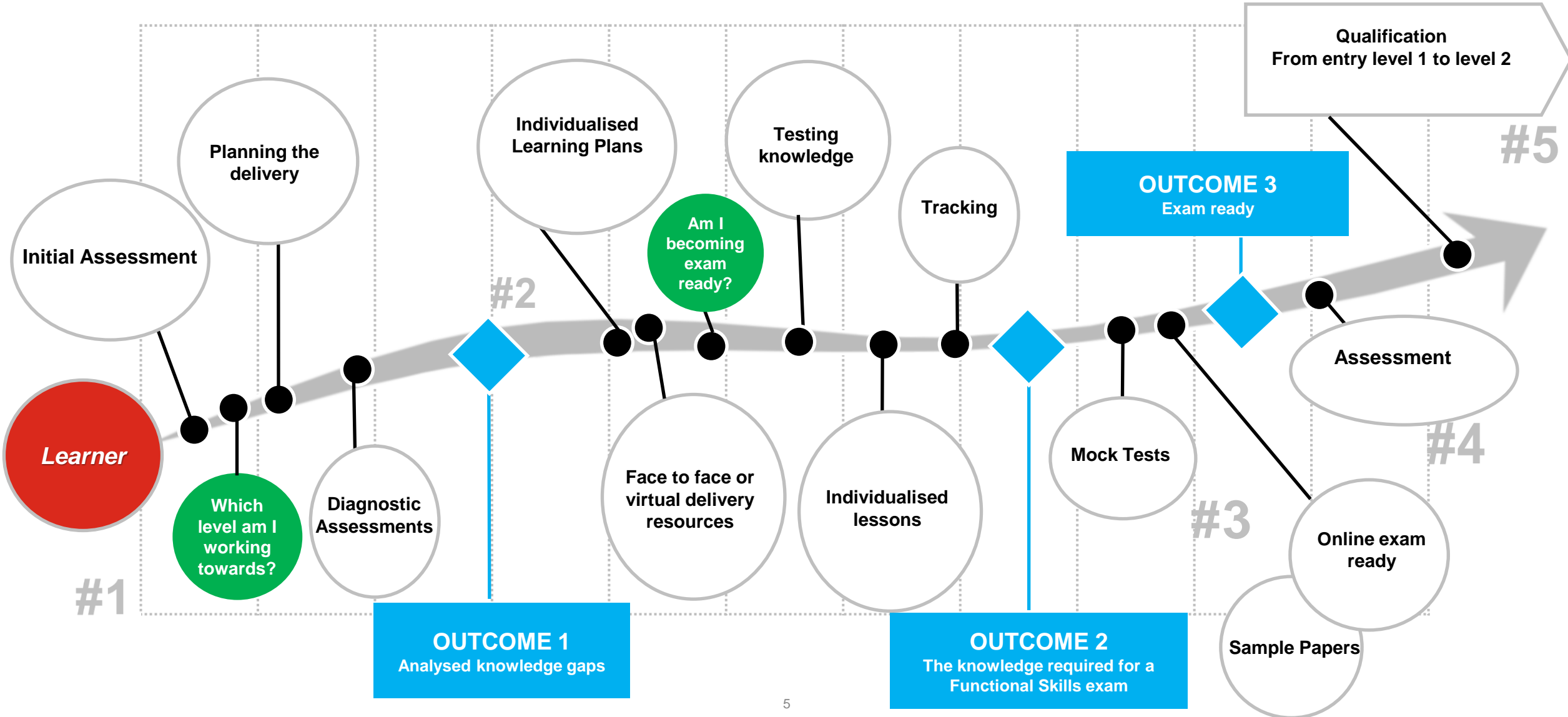
- Yes
- No
- Not heard of this service

If you are not able to take part in the polls, please feel free to add to the Q&A during the live webinar. Alternatively, you can email your responses to: [pre-employment@cityandguilds.com](mailto:pre-employment@cityandguilds.com)



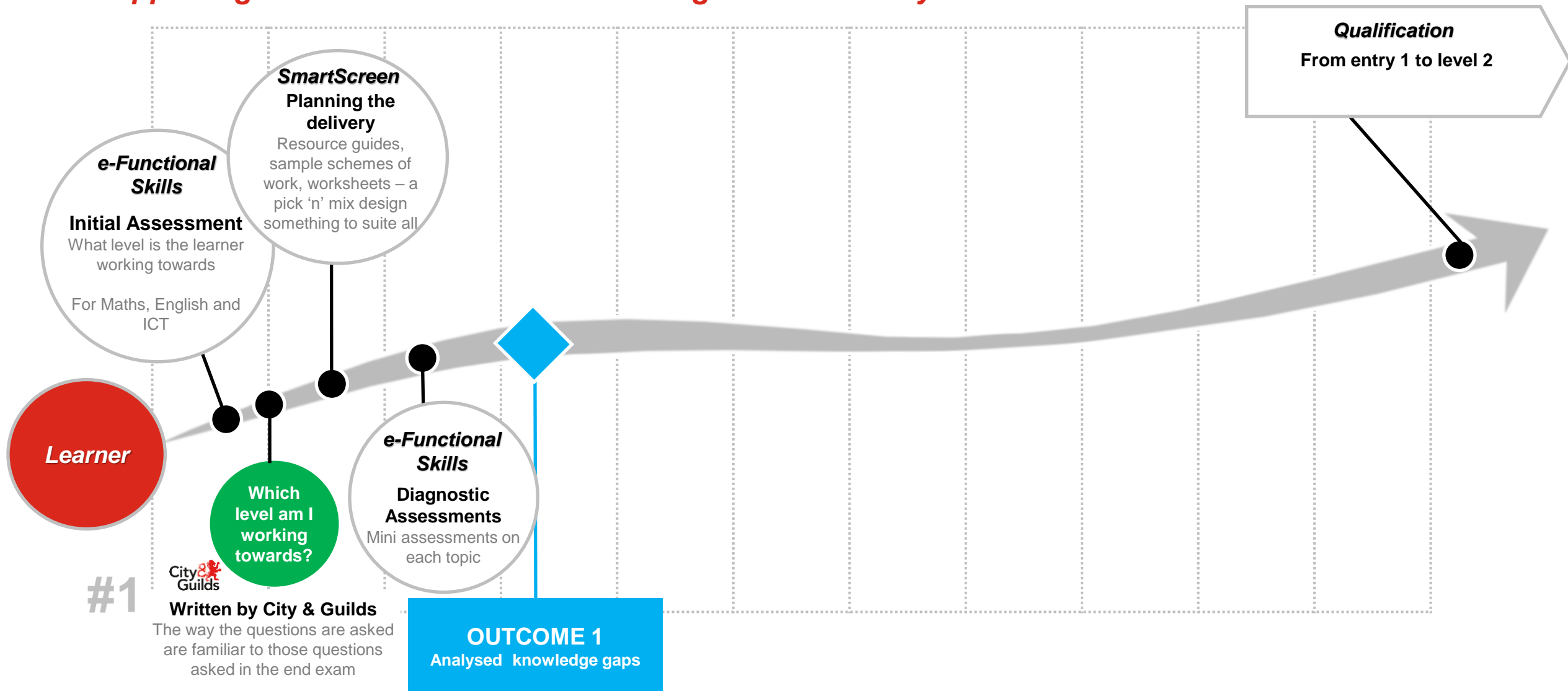
# A learner's journey

## Becoming maths and English exam ready



# A learner's journey

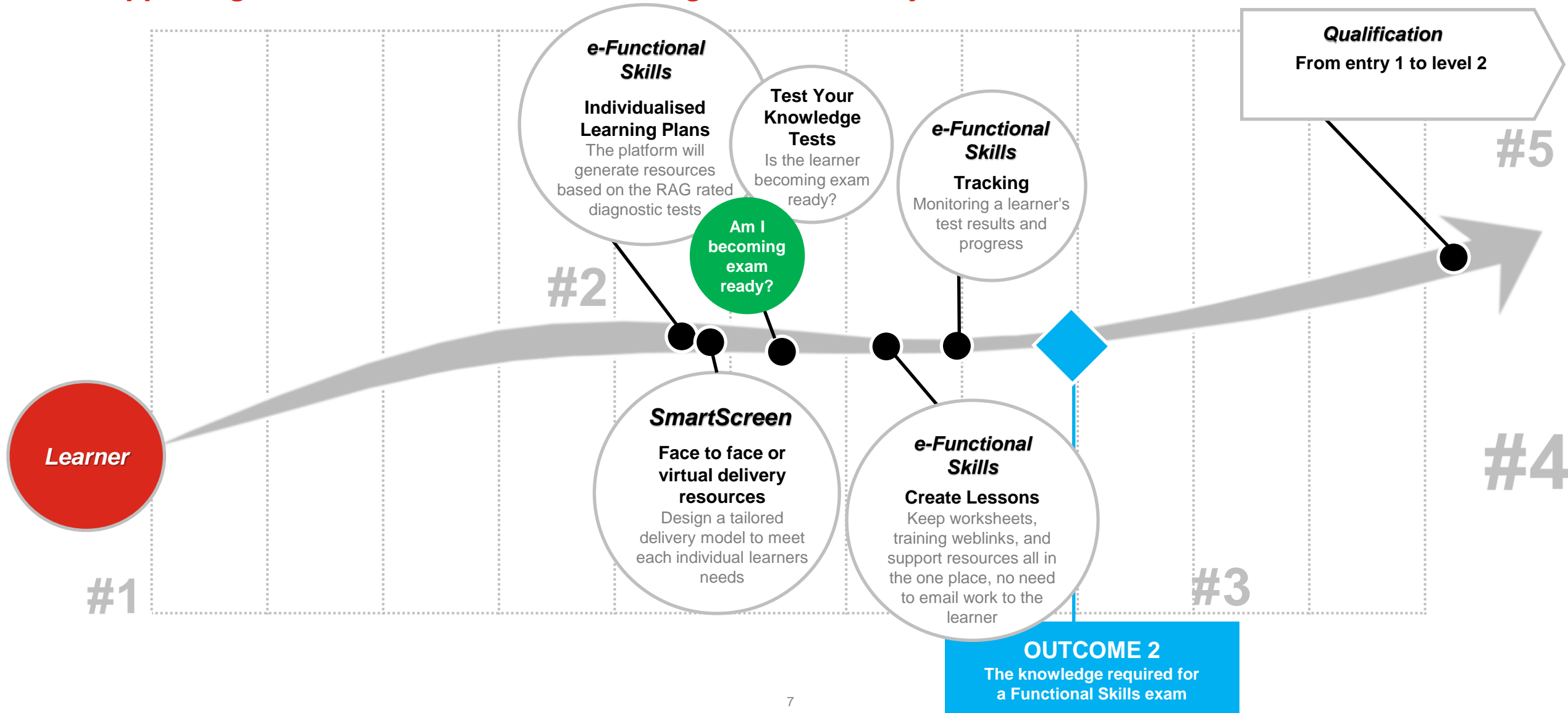
*Supporting them to become maths and English exam ready*





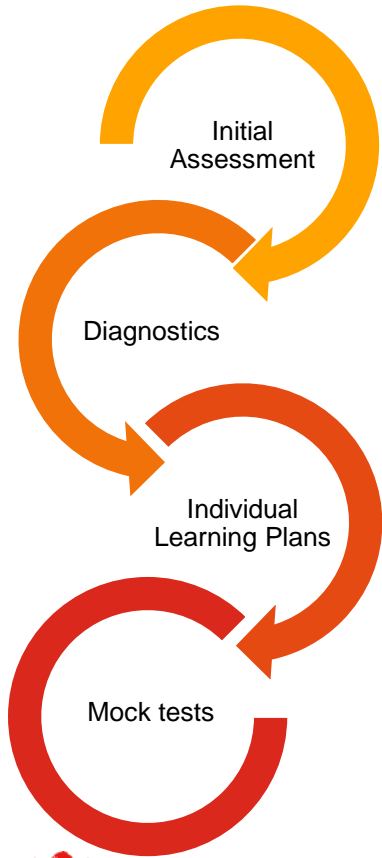
# A learner's journey

*Supporting them to become maths and English exam ready*



# Delivery, independent learning and becoming test ready

## e-Functional Skills



### Initial Assessment

Level 1 Version: 1.0.15.28

Results for Greg Smith Time Taken - 00:11:04

11/18 | 61%

Feedback

Your Initial Assessment results suggest that you are currently working towards Level 1. Take the diagnostic tests for each topic area at Level 1 for a more detailed analysis of your skills profile. You can find links to the tests by clicking on Next Steps below.

Question	Topic	Performance	
1) Reading numbers		1/1	<a href="#">Review</a>
2) Fraction and decimal equivalence		1/1	<a href="#">Review</a>
3) Recognising and using numbers		0/1	<a href="#">Review</a>
4) Whole numbers		1/1	<a href="#">Review</a>
5) Calculating squares		0/1	<a href="#">Review</a>
6) Working with direct proportion		1/1	<a href="#">Review</a>
7) Working with decimals		1/1	<a href="#">Review</a>
8) Comparing percentages		1/1	<a href="#">Review</a>
9) Order of precedence		1/1	<a href="#">Review</a>
10) Calculating percentages		0/1	<a href="#">Review</a>

[Next steps](#)

### Learner Profile

My latest work

**Lessons**

Latest lessons

No lessons have been assigned to you.

[View all lessons](#)

**To do list**

Recently-assigned tests

- Initial Assessment: Level 1 English Functional Skills
- Initial Assessment: Level 1 Maths Functional Skills

**How am I doing?**

You have not completed any tests.

[View my reports](#)

### Reporting System

All tests [Export as Word documents](#) [Filter marksheet](#)

Report **To Do**

Tests progress summary Time in Dynamic Learning: 0 hours and 42 minutes

Number of tests taken: 1

Percent: 61%

Total score: 7 / 11

■ Marks gained  
■ Marks dropped

Test name	Last taken (attempt)	Time	Score	Review
Level 1	17th Apr 2020 (x2)	00:16:35	61% (11/18)	<a href="#">Review</a>

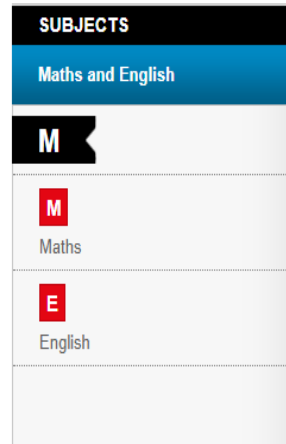




# Planning your delivery with SmartScreen

- developing skills activities
- 150 maths and English videos
- interactive e-learning
- worksheets
- classroom games and activities
- card sorts/matching
- exam preparation videos
- speaking and listening videos
- and much more....

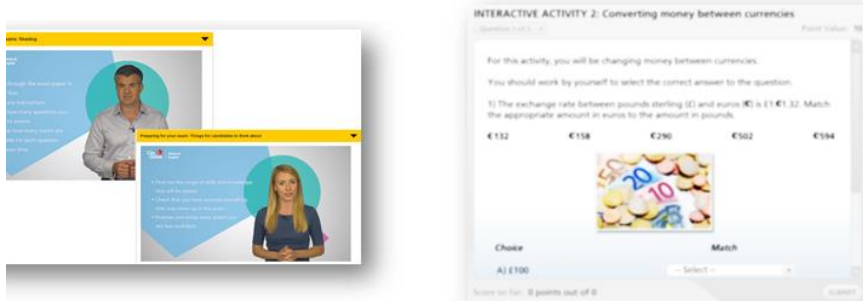
## Choose your subject



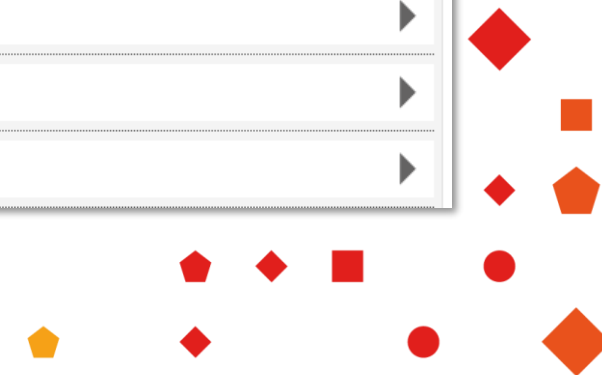
## Access resource guides and schemes of work

English	Maths
<b>Guides</b> English resource guides	<b>Guides</b> Maths resource guides
<b>SOW</b> Schemes of work for Functional Skills	<b>SOW</b> Schemes of work for Functional Skills
<b>Bank</b> English resource bank	<b>Bank</b> Maths resource bank

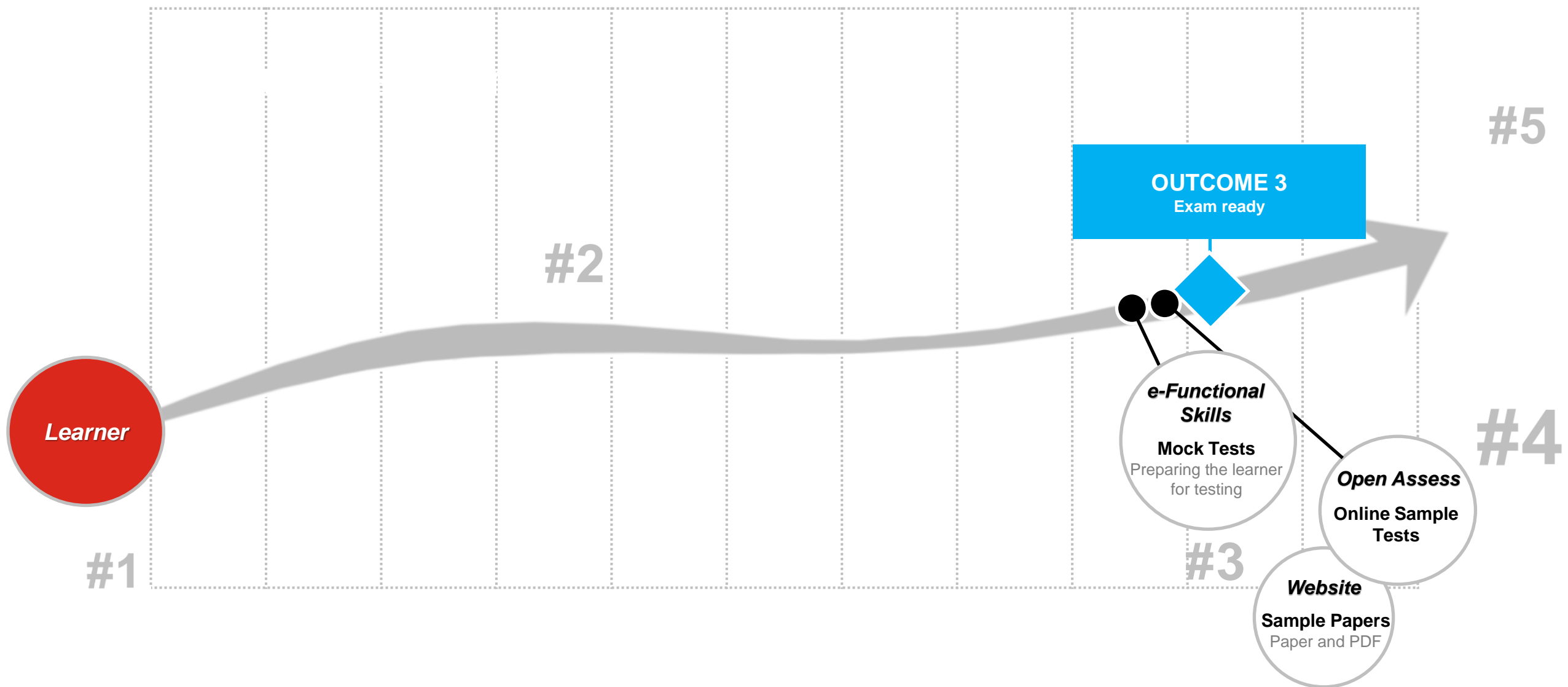
## Choose from a range of resources



Functional Skills digital resources for learners and tutors



## Supporting them to become maths and English exam ready





# Assessment preparation

## Open Assess

- Online sample tests for learners
- Familiarisation tests available for each subject
- Storing learner responses for feedback from tutors
- Replicates the live test environment
- [Open Assess user guide](#)
- [Support webinars](#)

## Sample papers

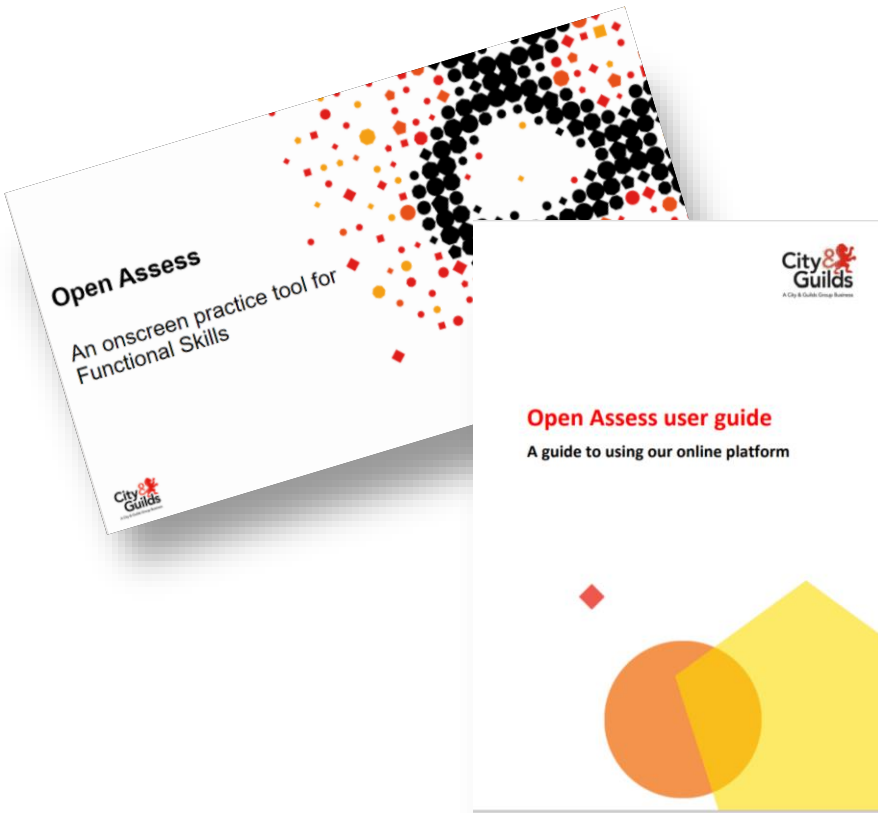
- Writeable PDF format
- Familiarises learners with layouts
- Mark schemes and indicative pass marks provided
- Available on the [4748 qualification page](#)





# Using Open Assess

## User guide and webinar recording



## Allocating and marking a sample paper

Schedule Test Wizard

1. Centre, Subject, Test & Date	Centre, Subject, Test & Date
2. Candidates	Centre
3. Delivery & Administration	Centre
4. Review	Select...

City & Guilds Home Test Administration Setup

Schedule **Invigilate** Mark Results Candidate Review

Reset Filters  Downloaded to SecureClient

<input type="checkbox"/>	State	PIN	Test Name	Keycode	Centre
<input type="checkbox"/>	✓	VNPJVX	Writing Level		
<input type="checkbox"/>	✓	VNPJVX	Writing Level		

Enter Keycode

Please enter your 8 character Keycode.

Select Language

Surpass - Powering Assessment

You can access the user guide and webinar recording from the [Open Assess](#) webpage.



# Using Open Assess continued...

## Marking and results

Status	Subject	Test No...	Test Fo...	Centre ...	Centre ...	Last No...	First N...	Comple...	Max No...	Mark A...	Percent	Markin...	Auto Va...	Marker
Functional...	Writing 14...	22.06.21	Guide Cent...	990AG	Miles	Mandy	09.06.2021	34	0	0%	Not started	09.06.2021		
Functional...	Writing 14...	06.07.21	Guide Cent...	990AG	Sample2	Two	09.08.2021	54	0	0%	Not started	08.08.2021		

**Test Reports**  
Guide Centre  
Writing Level 1 Sample

Results Breakdown:

**Question 1**

Composition \_\_\_\_\_ To

Grammar \_\_\_\_\_ To

Punctuation \_\_\_\_\_ To

Spelling \_\_\_\_\_ To

**Question 2**

Composition \_\_\_\_\_ To

Grammar \_\_\_\_\_ To

Punctuation \_\_\_\_\_ To

Spelling \_\_\_\_\_ To

**Onscreen Test Result Report**

**PRIVATE AND CONFIDENTIAL**

Guide Centre  
Candidate Name: KatCoop  
Candidate ref.: Kat2Coop  
Centre: Guide Centre  
Centre Code: 990AG  
Subject Name: Functional Skills Maths Level 1 Sample  
Test Name: Maths Level 1 Sample  
Test Date: 22/02/2022  
Percentage: 38.33%  
Result: Pass

## New feature

The candidate's response can be annotated and they will be able to see these comments and feedback

Mark Budget [ TEST NAME: Writing Level 1 Sample | Test Form: 22.06.21 ]

Section: Section (2 to mark) | Question: 17 (unassigned change) (to mark) | Progress: 0% | Budget Budget

There are unassigned change(s) to this item. Please click the 'Assign Mark' button to save them.

Dear Mrs Bloggs, I hope you remember me? I worked for your organisation many moons ago when I first left college. I really enjoyed my time with you and only left because I wanted to travel and see the world. I have spent the last 5 years visiting new places and having new experiences but now it is time for me to come back and settle down. I have been fortunate enough to secure an interview for a role with Skills Unlimited Training which means that I have an opportunity to build on the fantastic training and experiences that I had while I was working with you. The HR department at Skills Unlimited have asked for a reference from my previous job, and while it has been some time since I worked for you, I would be grateful if you would consider giving me a reference for this new role. Please send the information to Mr Smith, Skills Unlimited Training, Moving Up Street, Far Away.

Many thanks for all your help and support in the past.  
Yours sincerely,  
Mandy Miles

**Learning Outcomes**

Composition	10	15
Grammar	3	4
Punctuation	2	4
Spelling	0	4

Mark: 19/27 Assign Mark



# Candidate review

Keycode	Last name	First name	Subject	Test Name	Candidate ref.	Result	Percent	Mark	Centre Name	Completed	Duration	Shown to Centre
50000001	Clay	Kat	Functional Skills Maths Lev.	Maths Level 1 Sample	KAG0000	Pass	38.333%	23	Guide Centre	23/01/2022	105	No
VW000001	Kelly	Amanda	Familiarisation Tests	Maths Familiarisation Test	Test000	Pass	0%	0	Guide Centre	16/02/2022	Unlimed	No

## Candidates Results

Shows me who has taken tests and the details

## Candidate test review

The candidate will need the URL for the review along with the passcode and keycode to access the review

Log In

## Test Review

**KeyCode:**

**Passcode:**





# Test feedback

**Test Feedback**

Test: Maths Level 1 Sample  
 Candidate Name: COOP Kat  
 Test Date: 22/02/2022

Summary By Question
Summary By Unit
Summary By Learning Outcome

i	-	🚫	Q1	1/1	👁️	Q2	0/1	👁️	Q3	1/1	👁️	Q4	0/1	👁️
Q5	1/1	✓	Q6	1/1	👁️	Q7	0/1	✗	Q8	1/1	✓	Q9	1/1	👁️
Q10	0/1	👁️	Q11	1/1	👁️	Q12	0/2	👁️	Q13	0/2	👁️			

**Calculator**

i	-	🚫	Q1	1/1	👁️	Q2	0/1	✗	Q3	1/1	👁️	Q4	1/1	✓
Q5	1/1	👁️	Q6	0/1	👁️	Q7	2/3	👁️	Q8	2/3	👁️	Q9	0/4	👁️
Q10	3/4	👁️	Q11	0/4	👁️	Q12	0/5	👁️	Q13	3/5	👁️	Q14	2/5	👁️
Q15	0/6	—												

**Key:** Correct ✓ Incorrect ✗ Partial Mark 🟡 Not Attempted — Human Marked 👁️ Information Screen 🚫

## Summary by question

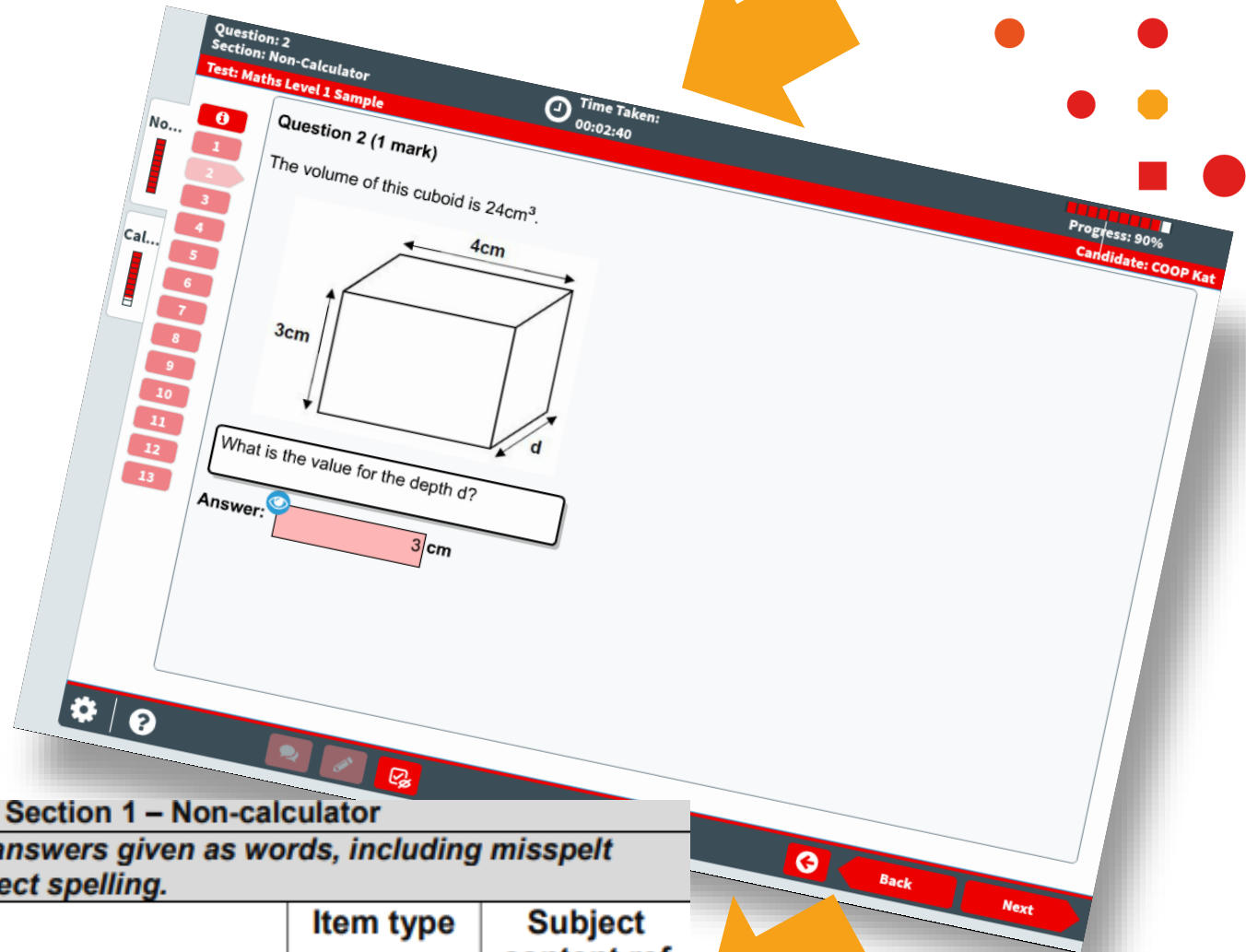
Each question can be reviewed with the candidate.

# Score report Non-calculator question

## Review of question

Time taken on each question can be seen.

The mark scheme will refer to which SCS was covered in the question.



Maths Level 1 Sample paper 2: Section 1 – Non-calculator

*For paper-based, examiners should accept correct answers given as words, including misspelt variants. Candidates must not lose marks for incorrect spelling.*

Question	Total marks	Marks	Marks awarded for	Item type	Subject content ref
2	1	1	2 (cm)	UPK Short answer fixed response	SCS23 [1]

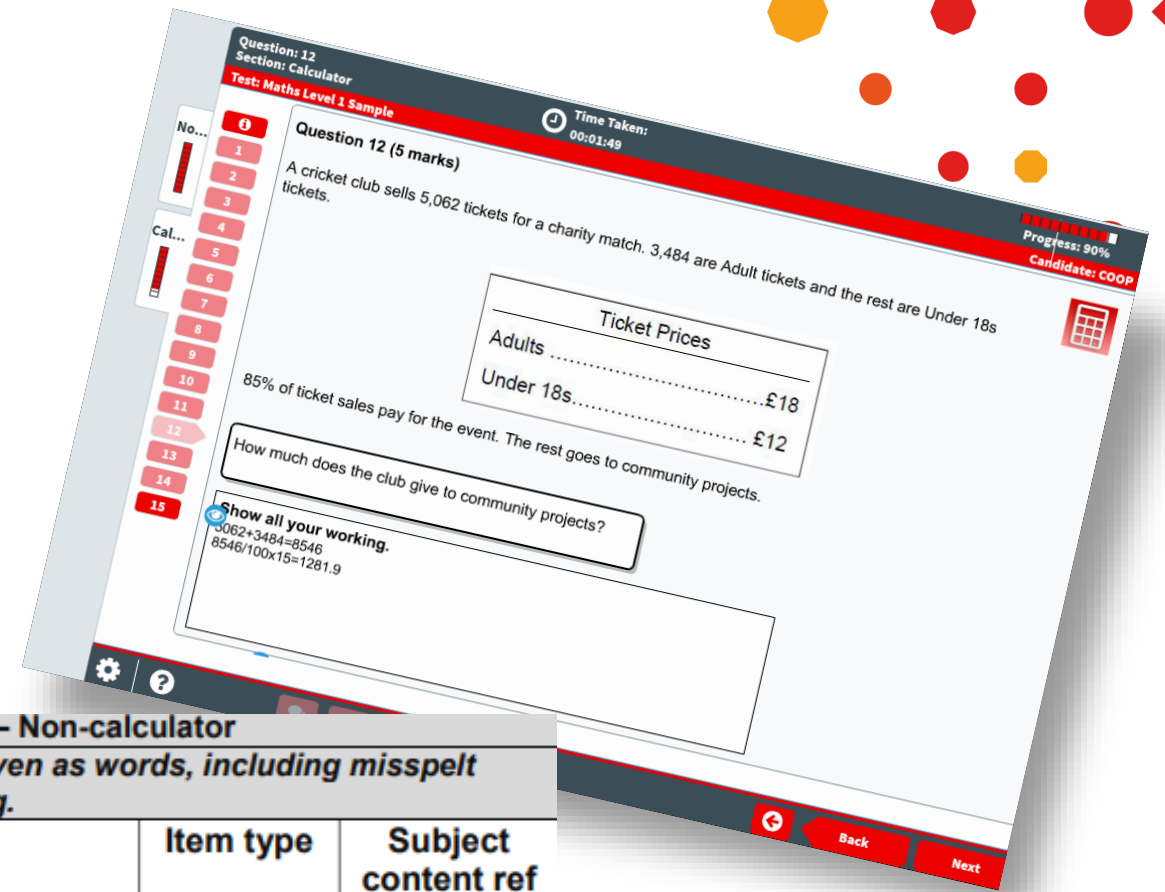
# Score report

## Calculator permitted question

### Review of question

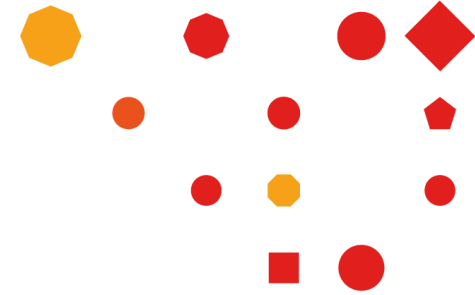
Time taken on each question can be seen.

The mark scheme will refer to which SCS was covered in the question.



Maths Level 1 Sample paper 2: Section 1 – Non-calculator					
For paper-based, examiners should accept correct answers given as words, including misspelt variants. Candidates must not lose marks for incorrect spelling.					
Question	Total marks	Marks	Marks awarded for	Item type	Subject content ref

12	5	5	(£)12247.20	Problem solving Short answer open response	SCS14 [2] SCS2 [2]
		4	(£)81648 x 0.15 or equivalent or value for 15% of their total seen or complete correct method with one calculation or rounding error		
		3	(£)81648 for correct total or (£)62712 and (£)18936 seen		
		2	(£)62712 or (£)18936 seen		
		1	1578 seen or 15% seen or x 0.15 or x 0.85 or equivalent seen for attempting percentage calculation		



# Resources to support

## Resources to support

**ML1 SCS23.** Calculate the volumes of cubes and cuboids

**ML1 SCS2.** Recognise and use positive and negative numbers

**ML1 SCS14** Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof

**Test Feedback**

Test: Maths Level 1 Sample  
Candidate Name: COOP Kat  
Test Date: 22/02/2022

Surpass  
The Assessment Platform

Summary By Question | Summary By Unit | Summary By Learning Outcome

<b>i</b>	-	🚫	Q1	1/1	👁️	Q2	0/1	👁️	Q3	1/1	👁️	Q4	0/1	👁️
Q5	1/1	✓	Q6	1/1	👁️	Q7	0/1	✗	Q8	1/1	✓	Q9	1/1	👁️
Q10	0/1	👁️	Q11	1/1	👁️	Q12	0/2	👁️	Q13	0/2	👁️			

**Calculator**

<b>i</b>	-	🚫	Q1	1/1	👁️	Q2	0/1	✗	Q3	1/1	👁️	Q4	1/1	✓
Q5	1/1	👁️	Q6	0/1	👁️	Q7	2/3	👁️	Q8	2/3	👁️	Q9	0/4	👁️
Q10	3/4	👁️	Q11	0/4	👁️	Q12	0/5	👁️	Q13	3/5	👁️	Q14	2/5	👁️
Q15	0/6	—												

Key: Correct ✓ Incorrect ✗ Partial Mark 🟡 Not Attempted — Human Marked 👁️ Information Screen 🚫


# Using e-Functional Skills

**ML1 SCS23.** Calculate the volumes of cubes and cuboids

**ML1 SCS2.** Recognise and use positive and negative numbers

**ML1 SCS 14** Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof

**Teaching & Learning Resources**



**City & Guilds e-Functional Skills: Maths Reloaded**

Allocate

iPad-compatible

348 remaining Order

▼ Level 1
Number and number system
Addition and subtraction
Multiplication and division
Fractions, decimals, percentages and ratio
Formula
Measurement
Scale
Shape and space
Data handling
Solving problems
Averages and range
Probability
Using a calculator
Sample assessment papers

## Shape and space

<b>Shape and space (1 of 2)</b> <span style="float: right; font-size: 0.8em;">Click/tap for menu screen view</span>	<b>Shape and space (2 of 2)</b> <span style="float: right; font-size: 0.8em;">Click/tap for menu screen view</span>
Introduction: Shape and space	Tasks 1: Shape and space
Introduction: Shape and space	Tasks 2: Shape and space
Explanation: Shape and space	Tasks: Shape and space
Worked examples: Shape and space	Test your knowledge 1: Shape and space
Explanation: Shape and space	Test your knowledge 1: Shape and space
Worked examples: Shape and space	Test your knowledge 2: Shape and space
	Test your knowledge 2: Shape and space
	Answers: Shape and space

# ML1 SCS23. Calculate the volumes of cubes and cuboids

f u  
 f 2  
 m  
 3 d 1  
 e p  
 n x  
 y

Shape and space

**Level 1**

Sphere   Cube   Cuboid   Cylinder   Hexagonal prism

Cone   Square-based pyramid   Triangular-based pyramid   Triangular prism

**Some common 3D shapes**

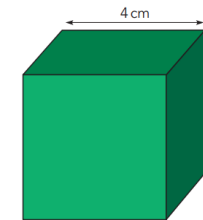
f u  
 f 2  
 m  
 3 d 1  
 e p  
 n x  
 y

f u  
 f 2  
 m  
 3 d 1  
 e p  
 n x  
 y

**Level 1**

**Test your knowledge 1**

- 1 What is the perimeter of a rectangular room with dimensions of 6.4 m and 3.2 m?  
 a) 19.2 m<sup>2</sup>   b) 9.6 m<sup>2</sup>   c) 19.2 m   d) 9.6 m
- 2 What is the area of a piece of land measuring 30 m × 20 m?  
 a) 60 m<sup>2</sup>   b) 60 m   c) 600 m<sup>2</sup>   d) 600 m
- 3 What is the volume of this cube?



- a) 16 cm<sup>2</sup>   b) 16 cm<sup>3</sup>   c) 64 cm<sup>3</sup>   d) 64 cm<sup>2</sup>



f u  
 f 2  
 m  
 3 d 1  
 e p  
 n x  
 y

Shape and space

**Level 1**

**Volume**

Calculate the volume of the following cuboid.

$l = 8 \text{ cm}$     $w = 6 \text{ cm}$     $h = 5 \text{ cm}$

**Step 1** – Identify the formula for the volume of a cuboid:  
**volume = length × width × height**

**Step 2** – Check the units. As they are all centimetres, our unit of volume is **cm<sup>3</sup>**.

**Step 3** – Put the measurements into the formula:  
**volume = 8 (length) × 6 (width) × 5 (height)**

**Step 4** – Calculate the formula:  
**8 × 6 × 5 = 240**

The volume of the cuboid is **240 cm<sup>3</sup>**.

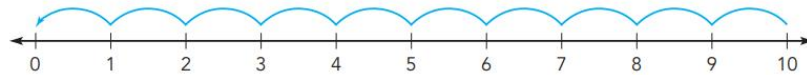
f u  
 f 2  
 m  
 3 d 1  
 e p  
 n x  
 y



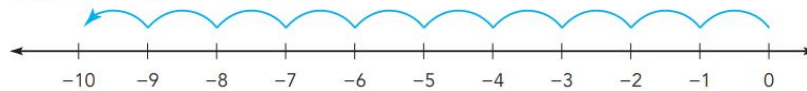
# ML1 SCS2. Recognise and use positive and negative numbers

## Negative numbers

If you count down from ten to zero, what happens if you want to carry on counting down from zero?



You can do this, but you need to use a negative symbol (also called a minus sign) to show it is below zero, and say negative 1 (or minus 1), negative 2, negative 3, and so on.



Remember the negative sign is part of the number and it is not asking you to take away.

Think what this means:  $-6$  is lower down the number line than  $-2$ . So if it was temperature,  $-6^{\circ}\text{C}$  would be colder than  $-2^{\circ}\text{C}$ .

Negative numbers have many uses in everyday life, for example, to show money withdrawal from a bank account, to indicate temperatures below zero and to show height below sea level.

## Numbers and the number system

Level 1

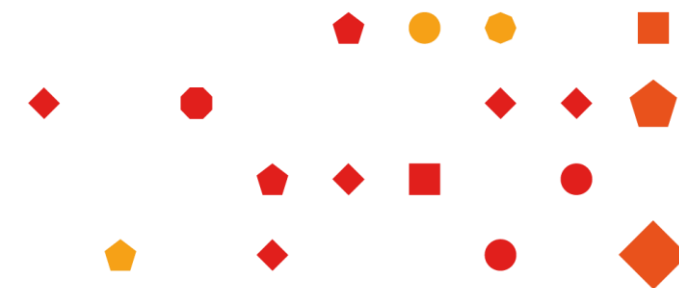
### Test your knowledge 2

1 Put these numbers in order of size, from smallest to largest.

5.64    0.73    3.75    3.308    0.47

2 On one day these cities had the following outside temperatures. Put the cities in order from coldest to hottest.

Sydney	London	Tomsk	Quebec
$28^{\circ}\text{C}$	$16^{\circ}\text{C}$	$-12^{\circ}\text{C}$	$-6^{\circ}\text{C}$



# ML1 SCS 14 Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof



Fractions, decimals, percentages and ratios

Level 1

If you wanted to write a percentage as a fraction, you would write it with a denominator of 100 ( $\frac{20}{100}$ ). As  $\frac{20}{100}$  means  $20 \div 100$ , which equals 0.2, 20% as a decimal is 0.2. So 20%,  $\frac{20}{100}$ ,  $\frac{2}{10}$  and 0.2 are all **equivalent forms**.

Similarly, 50% is  $50 \div 100$  or  $\frac{50}{100}$ , which is the same as 0.50 or 0.5, and  $\frac{50}{100}$  or  $\frac{5}{10}$  can be cancelled down to  $\frac{1}{2}$ . So 50%,  $\frac{50}{100}$ ,  $\frac{5}{10}$ ,  $\frac{1}{2}$  and 0.5 are all **equivalent forms**.

The table shows common equivalences between fractions, decimals and percentages which you may find useful to remember.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%



Fractions, decimals, percentages and ratios

Level 1

## Finding percentages

### Example 1

A travel agent offers a 10% reduction for holidays arranged on the internet. The normal cost of a holiday is £360. What is the internet discount for the holiday?

#### Solution

$$10\% \text{ of } 360 = 360 \div 10 = 36$$

$$\text{Or } \frac{10}{100} \times \frac{360}{1} = \frac{3600}{100} = 36$$

The reduction is £36.

Your water bill has gone up by 5%. Last year it was £420.00.

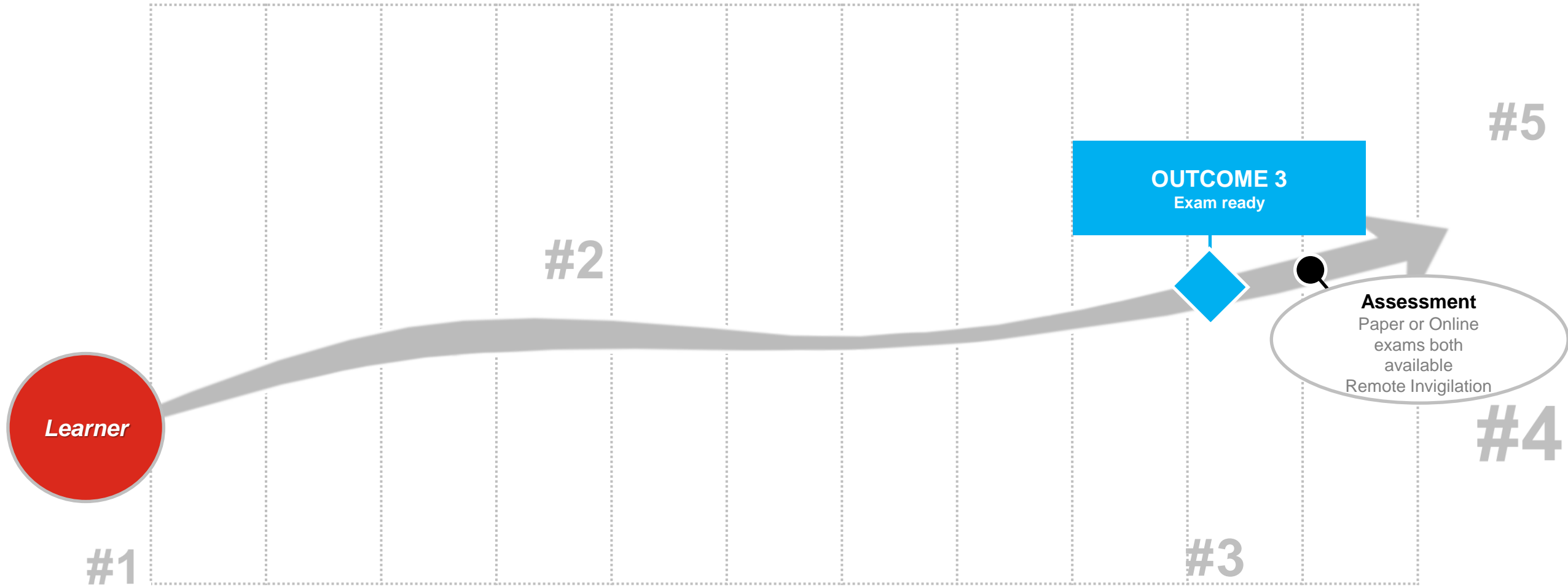
How much will your bill increase by?

do you expect to pay this year?



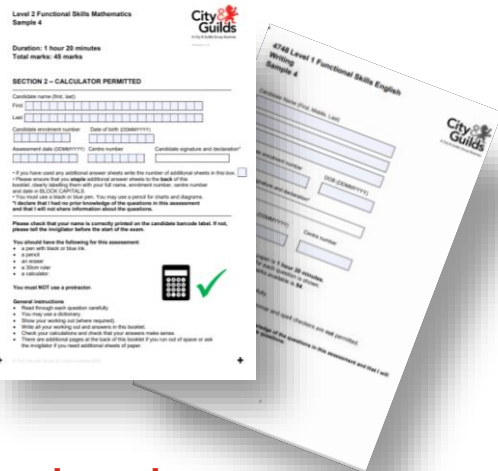
# A learner's journey

*Supporting them to become maths and English exam ready*



# Taking the test

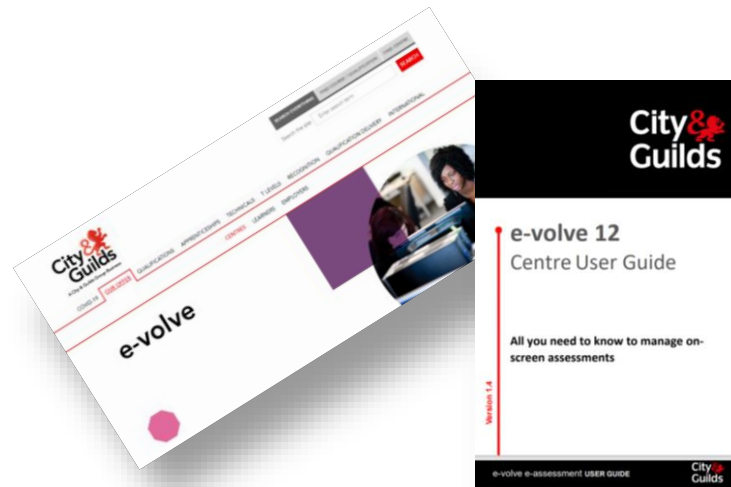
## Paper based



### Paper based exams

Offering a more traditional style of testing for your learners. Giving them flexibility to use the exam format that is best suited for their needs.

## Onscreen

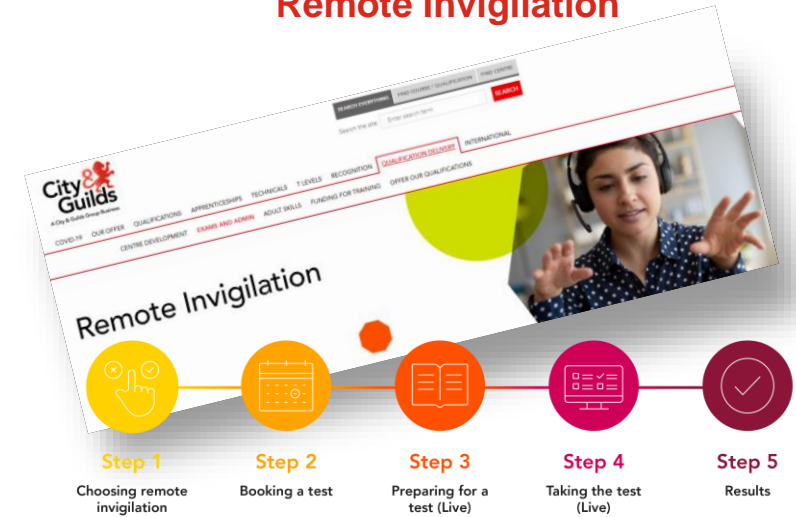


### e-volve

Helps your learners to sit tests and exams securely and easily. Can be used online or taken offline, giving greater flexibility to download to laptop or PC.

Click [here](#) for more information

## Remote Invigilation



### Live remote invigilation

Allows tests on our e-volve platform to be taken from home or in the workplace, giving more flexibility to your candidates and removing the need to travel to a test centre.

Click [here](#) for more details.

# Remote invigilation

## For learners

More flexibility

Reduce travel costs and time; exams can take place at home or in the workplace

Reduce exam anxiety by performing test in familiar environment

Only one device (PC or laptop) needed to take the test

## For centres

Continuity of testing in event of disruption, extreme weather conditions, Covid 19

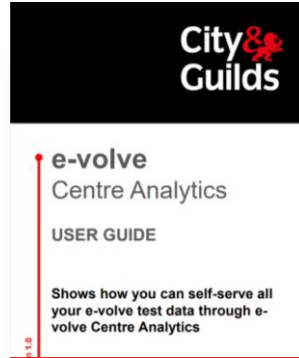
Reduced pressure on testing rooms on site

Reduced internal invigilator staff costs

Increased delivery with more testing opportunities



# E-volve Centre analytics



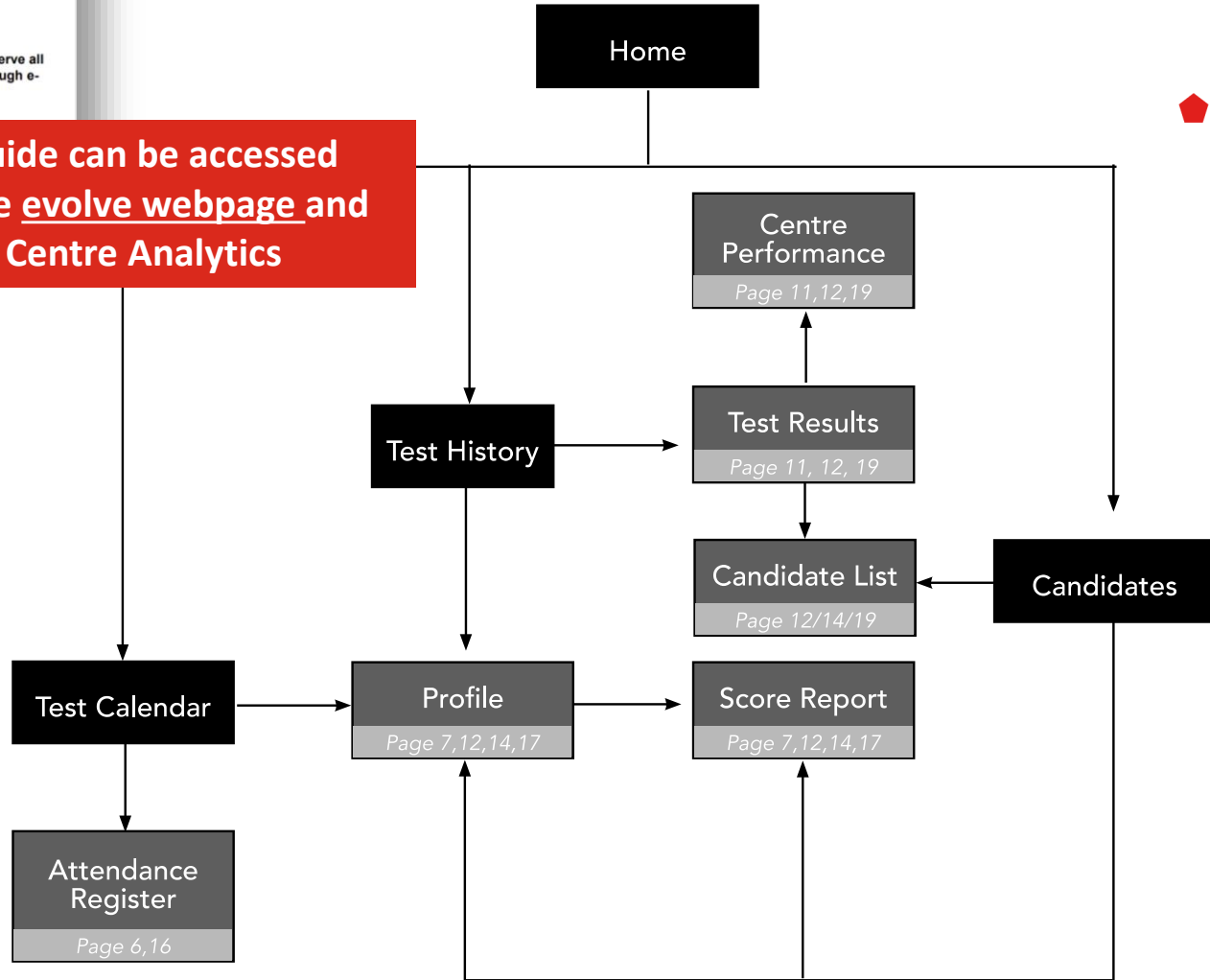
The user guide can be accessed through the evolve webpage and also within Centre Analytics



- Allows candidate performance data from e-volve tests to be aggregated and interrogated.
- Also provides access to performance code information and candidates' raw marks for **paper** Functional Skills exams.



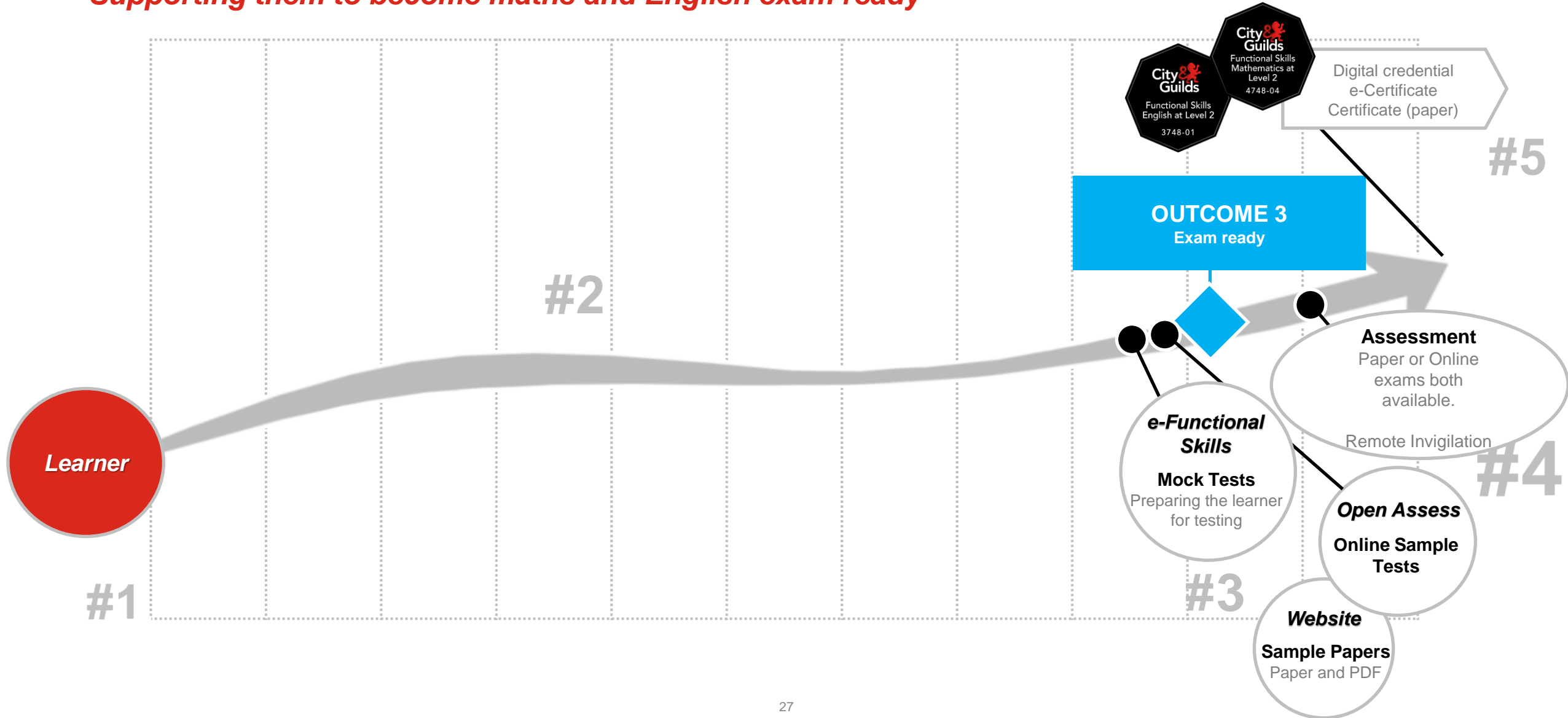
**Centre analytics (cityandguilds.com)**





# A learner's journey

*Supporting them to become maths and English exam ready*



# Upcoming Digital credentials webinar

Join our recognising skills progression with digital credentials



We know that colleges and training providers are dedicated to helping learners prepare for life and work beyond their education, and employers are increasingly valuing skills as their hiring criteria. A way to enable and support 'learners' progress to employment or higher education is through digital credentials.

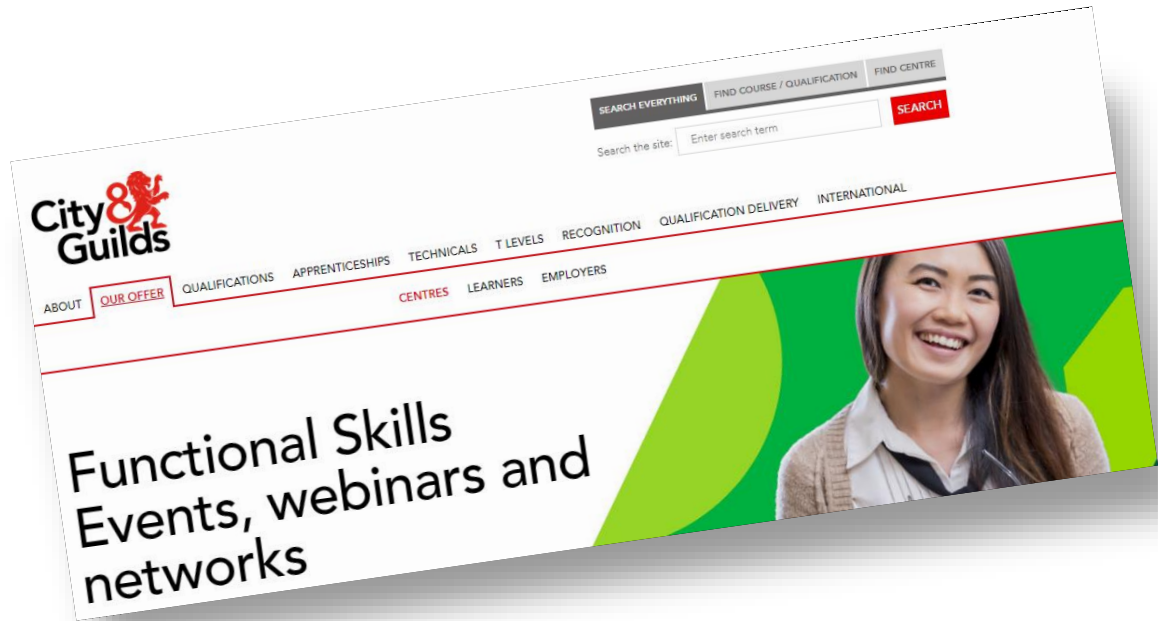
Join our experts on Thursday 12 May 9.30am, as they discuss how digital credentials are used across industries and how you and your learners or apprentices benefit from their use.

<https://attendee.gotowebinar.com/register/2342339520218384144>



# Technical Advisor support

Join us for our face to face **Connect-Share-Networks**



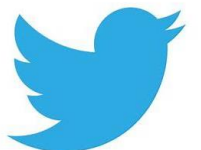
Paul Sceeny  
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Katherine Reid  
Lead Technical Advisor  
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# A quick poll

Were you aware that a learner will be allocated a digital credential, once they have passed their Functional Skill exam?

- Yes
- No

If you are not able to take part in the polls, please feel free to add to the Q&A during the live webinar. Alternatively, you can email your responses to: [pre-employment@cityandguilds.com](mailto:pre-employment@cityandguilds.com)



# Questions and answers



# Call to action

For further platform enquiries please contact:

[Digital.Solutions@cityandguilds.com](mailto:Digital.Solutions@cityandguilds.com)

For existing platform customer queries:

[digitalsupport@cityandguilds.com](mailto:digitalsupport@cityandguilds.com)

For further information regarding digital credentials contact:

[dcsales@cityandguilds.com](mailto:dcsales@cityandguilds.com)

For maths and English queries contact:

[pre-employment@cityandguilds.com](mailto:pre-employment@cityandguilds.com)



# Thank you

This recording will be sent automatically to any attendees and registrants.

For anyone who has missed this webinar we will be holding another session on Tuesday 20 September 2022 at 3pm.

[Register here](#)

