

Digital Resources Webinar

Digital Resources: Interpreting Results

Alicja Twarowska, Laura Dean & Natalie
Humberstone



This webinar is being recorded and will be available on the Resource Hub shortly

Housekeeping



This session is being recorded

The session is being recorded, which will be made available on our [Resource Hub webpage](#).



Everyone is on mute

Everyone is on mute.



Slides

The slides will be available on the [Resource Hub webpage](#).



Questions

Please add your questions into the question function on the control panel. Will we endeavour to answer all questions.



If the session cuts off

Please try logging out and back in again using the original webinar link to gain access back into the session.

To join over the telephone, select "Phone Call" in the Audio pane and the dial-in information will be displayed.

Introductions



Alicja Twarowska
Technical Advisor

Providing guidance and support across Maths, English, DFSQ, Employability and ESOL qualifications.

pre-employment@cityandguilds.com



Laura Dean
Digital Solutions
Manager

Providing training and support across a range of platforms to achieve your strategic goals.

[Expert support and service | Digital solutions team](#)



Natalie Humberstone
Digital Solutions
Manager

Providing training and support across a range of platforms to achieve your strategic goals.

[Expert support and service | Digital solutions team](#)

Digital resources to support your delivery



Are you currently using any of our digital resources?

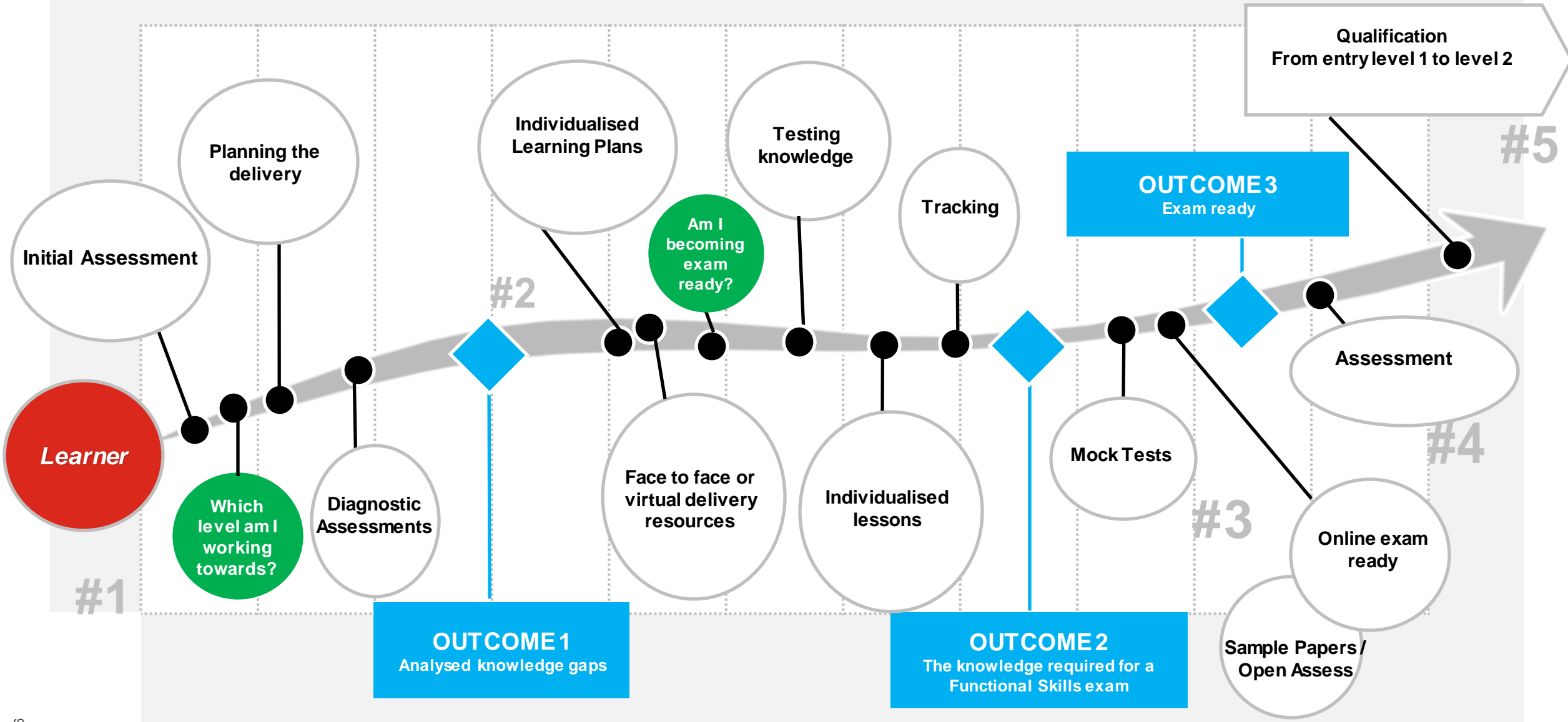
- Maths and English SmartScreen
- e-Functional Skills (Boost)
- Open Assess
- Centre Analytics
- Not using any of these resources

If you are not able to take part in the polls, please feel free to email your responses to:

pre-employment@cityandguilds.com

A learner's journey

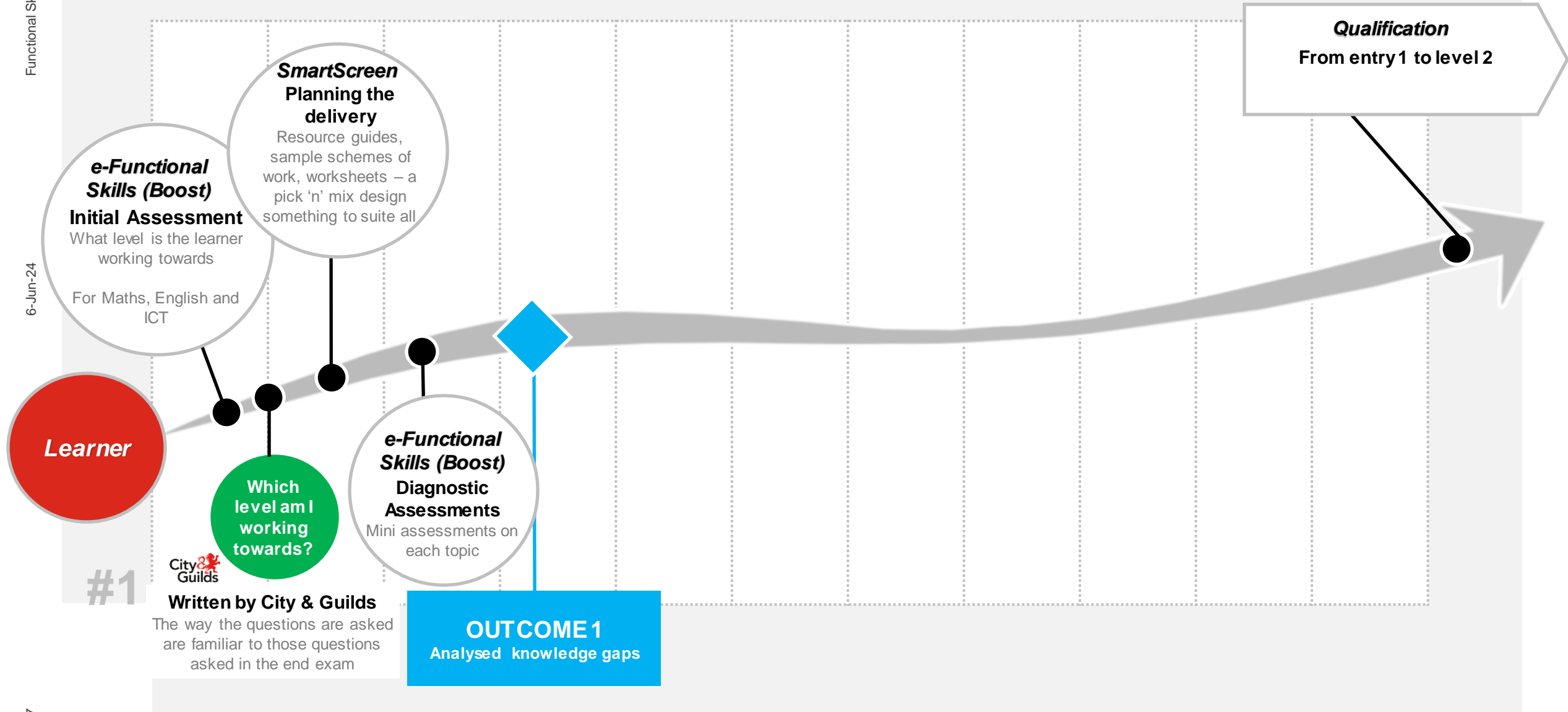
Becoming maths and English exam ready



A learner's journey

Supporting them to become maths and English exam ready

6-Jun-24



#1



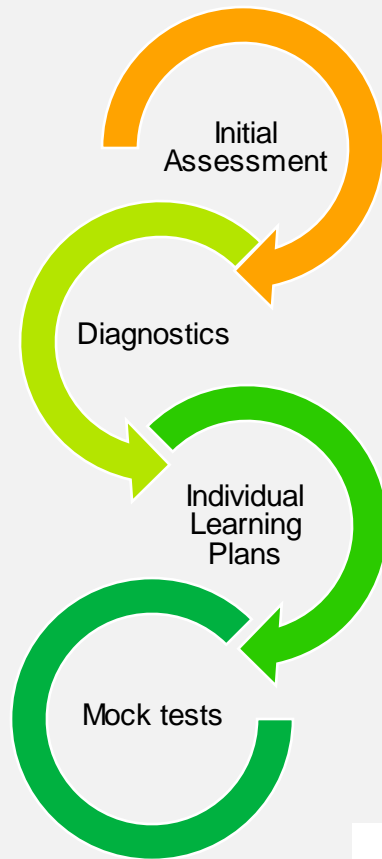
Written by City & Guilds

The way the questions are asked are familiar to those questions asked in the end exam

OUTCOME 1
Analysed knowledge gaps

Identifying starting learners' points

e-Functional Skills



Initial Assessment

Initial Assessment: Level 2 Maths

18 Questions | Online

EXIT ACTIVITY

Feedback & Score

Your Initial Assessment results suggest that you are currently working towards Level 2. Take the diagnostic tests for each topic area at Level 2 for a more detailed analysis of your skills profile. You can find links to the tests by clicking on Next Steps below.

56% Your final score: 10/18
Time taken: 00:10:07

18 Attempted	0 Not attempted
--------------	-----------------

Next Steps

- 1. Writing numbers
Answer the question below.
Score 0/1
- 2. Order of precedence
Answer the question below.
Score 0/1
- 3. Ratios
Builders make concrete by mixing cement, sand and gravel in the ratio 1:2:3. What fraction of concrete is gravel?
Score 1/1
- 4. Fractions 1
Look at the triathlon table.

Diagnostic Tests

Level 1 Diagnostic Test: Measurement and scale

3 Questions | Online

- Question 1
- Question 2
- Question 3
- Question 4
- Question 5

1. Converting money

A French family books some coaching sessions for their daughter while on holiday in Britain. The exchange rate is £1.00 = €1.10

What is the rate for one hour in euros?

Top Tennis

020 2496 65651

PRICE LIST

30 minutes	£15.00
1 hour	£25.00

Exchange rate: 1.00 = €1.10

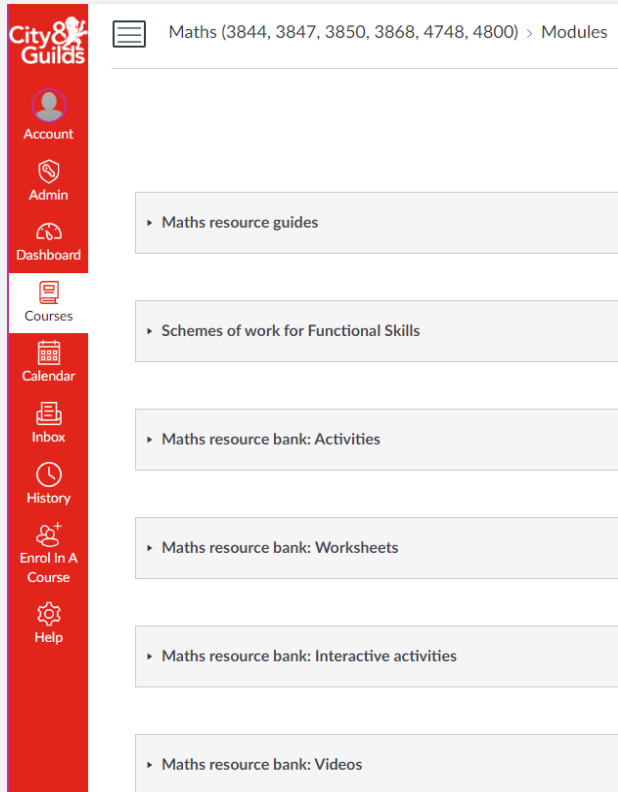
Results



Planning your delivery with SmartScreen

Choose your subject

Access resource guides and schemes of work



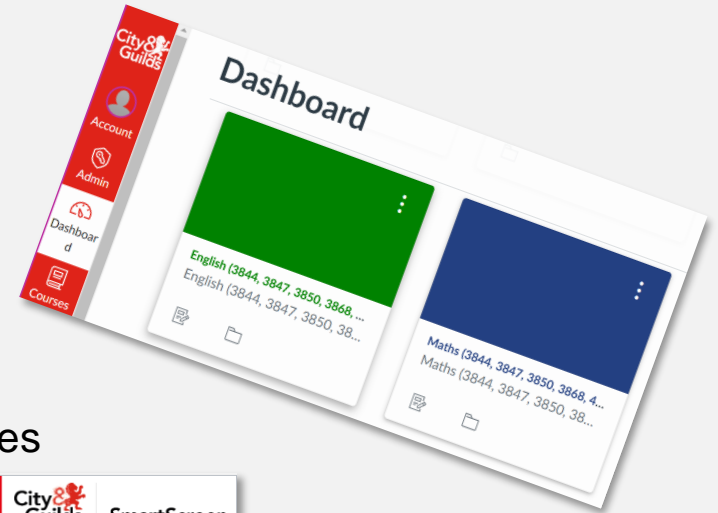
Choose from a range of resources

The screenshot shows a SmartScreen resource page for 'Level 1 Functional Skills Mathematics'. The page title is 'Using numbers and the number system – whole numbers, fractions, decimal'. It features a table with three columns: Subject content statement, Resources, and How to use this resource.

Subject content statement	Resources	How to use this resource
1. Read, write, order and compare large numbers (up to one million)	Worksheet 22: Budgeting	Use in class or as homework to practice numbers, using simple formulae, ca
	Worksheet 23: Charity shop	Use in class or as homework to practice numbers, multiplying and dividing w
	Worksheet 24: Groceries	Use in class or as homework to practice negative numbers, making calculati
	Worksheet 25: Decorating	Use in class or as homework to practice numbers, working with simple for
	Worksheet 26: Garden design	Use in class or as homework to practice measurement, using simple scale
	Worksheet 27: Bedrooms	Use in class or as homework to practice converting between units of meas
	Worksheet 28: Keeping fit	Use in class or as homework to practice fractions and percentages, recogni
	Activity 51: Target numbers	Turn the positive number cards face number at random and challenge th
	Activity 55: Ratio and proportion – follow me	Type of activity: game, creative. Use Suggested duration: 5–30 minutes Notes: Stopwatch or clock needed t Place the cards around the room ar student should then answer the que

Below the table is a copyright notice: © 2024 City and Guilds of London Institute. All rights reserved.

To the right of the table is a preview of 'Worksheet 34: Business storage'. The worksheet title is 'Worksheet 34: Business storage'. It includes a 'Problem to solve' section: 'You work at home baking cakes to sell to local businesses. You need to review different types of storage to help you with your business. You also need to produce a scale diagram to show your storage choice.' Below this is a 'Your task' section with four numbered tasks: 1. Calculate the number of cake tins that fit into each storage box. 2. Gauge the amount of space available for shelving and area of flooring. 3. Draw a plan and elevation drawing to scale. 4. Plot points using coordinates. Below the tasks is a diagram showing three cylindrical cake tins of different sizes and a cardboard storage box. The tins are labeled with their dimensions: Tin 1 (Diameter 6 1/4 inches, Height 5 inches), Tin 2 (Diameter 3 inches, Height 5 inches), and Tin 3 (Diameter 9 inches, Height 7 inches). A 'Remember' box states '1 inch = 25.4mm'. The storage box is labeled with dimensions: 50cm by 40cm by 30cm. Below the box is the text: 'You put the tins into storage boxes. The tins cannot be stored on their sides and each box must only contain a single size tin.'

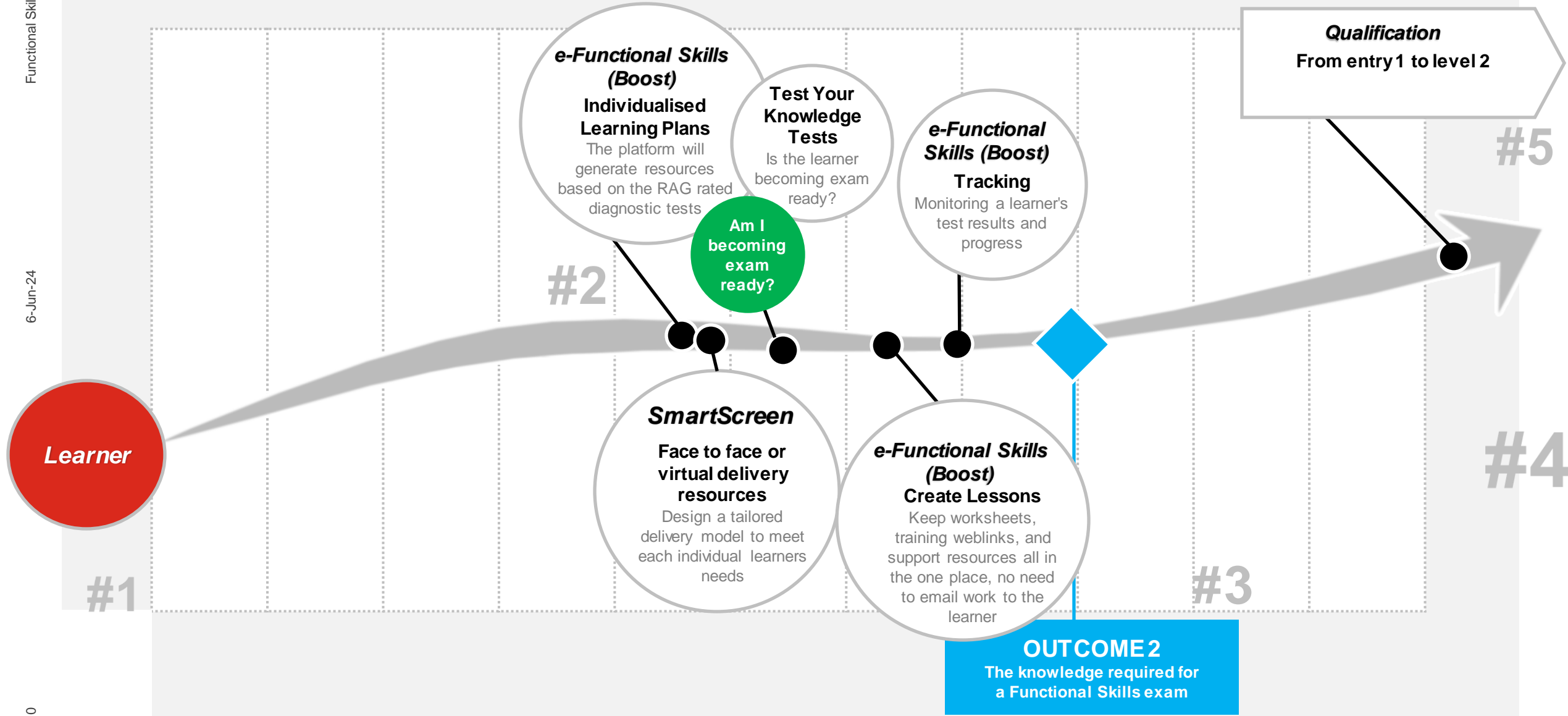


Functional Skills digital resources for learners and tutors

A learner's journey

Supporting them to become maths and English exam ready

6-Jun-24



Delivery, independent learning and becoming test ready



Learner's ILP

My Work

Using a calculator

Functional Skills Applied/Functional

Starting Activity

Functional Skills Applied/Functional

Resources

2D shapes have two dimensions: length and width. They have no depth. They are flat objects or areas such as a floor or wall.

Circle Oval Triangle Square Trapezium

Rhombus Parallelogram

Hexagon Heptagon

Some exam

Shape and space

Level 1

Angles

- Angles of a shape are measured in **degrees (°)**.
- A half turn or semi-circle has **180°**.

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Reporting System

Gap Analysis

City & Guilds e-Functional Skills: Maths Reloaded | Minnie Mouse

Student Score School Average

100% 80% 60% 40% 20% 0%

(1) (2) (3)

← Topics →

Heatmap

No.	Topics	Knowledge Tests	Recommended Resources	Score	School Average	Gap
1	Initial Assessment → Online version	Initial Assessment: Level 2 Maths		10/18 (56%)	8.5/18 (47%)	↑ 9% More
		Initial Assessment: Entry Level 1 Maths		16/17 (88%)	12/17 (71%)	↑ 17% More

Tasks 1: Shape and space

4 Questions | 0/0 Done

Question 1
Question 2
Question 3
Question 4
Question 5
Question 6

1. You need to buy a new carpet for an L-shaped room as shown.

6 m

2.5 m

3.5 m

3 m

1 of 2

What is the total area of this L-shaped room? Write your answer in m², for example 30m².

SmartScreen

Teaching and learning resources

- 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....

The screenshot displays the SmartScreen website interface. On the left is a red navigation sidebar with icons for Account, Admin, Dashboard, Courses, Calendar, Inbox (with 8 items), History, and Enrol In A. The main content area is titled 'Maths (3844, 3847, 3850, 3868, 4748, 4800) > Modules'. A 'SmartScreen Mathematics' header is visible. A 'Worksheet 22: Budgeting' is featured, with a 'Problem to solve' section containing a text-based problem and a 'Your task' section with three numbered instructions. Below this is a 'Maths resource guides' section with a 'Functional Skills Maths' sub-section listing levels from Entry Level 1 to Level 2. A table titled 'Below is a copy of a friend's b' shows a bank statement with columns for Date and Description. Two video thumbnails are shown: 'Measuring size' (0:00 / 1:19) and 'Solving X problems' (0:00 / 1:37). A 'Collapse all' button is located in the top right corner.

City & Guilds

Maths (3844, 3847, 3850, 3868, 4748, 4800) > Modules

SmartScreen Mathematics

Worksheet 22: Budgeting

Collapse all

Problem to solve

A friend has asked you to check her bank statement. She can't get the final balance to match the amount she has worked out and is worried that she is overdrawn. She needs your help to end the month in credit.

Your task:

1. Compare your friend's bank statement with her workings.
2. Use estimation to work out the value left in the account
3. Calculate the amount of money required to return the account to credit.

▼ Maths resource guides

Functional Skills Maths

- Entry Level 1 Fun
- Entry Level 2 Fun
- Entry Level 3 Fun
- Level 1 Functiona
- Level 2 Functiona

Below is a copy of a friend's b

Date	Description
13 April	
13 April	Asdo Stores Ltd
14 April	Daten Electricals
16 April	UP Petrol
17 April	Water rates
20 April	Mobile Phone - Phones RGR8
21 April	Worthington Mortgage Facilities

What was the balance brought forward

How much was spent at Daten Electric

Measuring size

City & Guilds MATHS & ENGLISH

City & Guilds

1. Talking about measurement

Select the play button to see the clues hidden in the words we use to

NUMBERS

Solving X problems

Select the play button to get started

KEY TERMS

multiply times

2 pills 3 times a day

Mon Tues Weds Thurs Fri Sat Sun

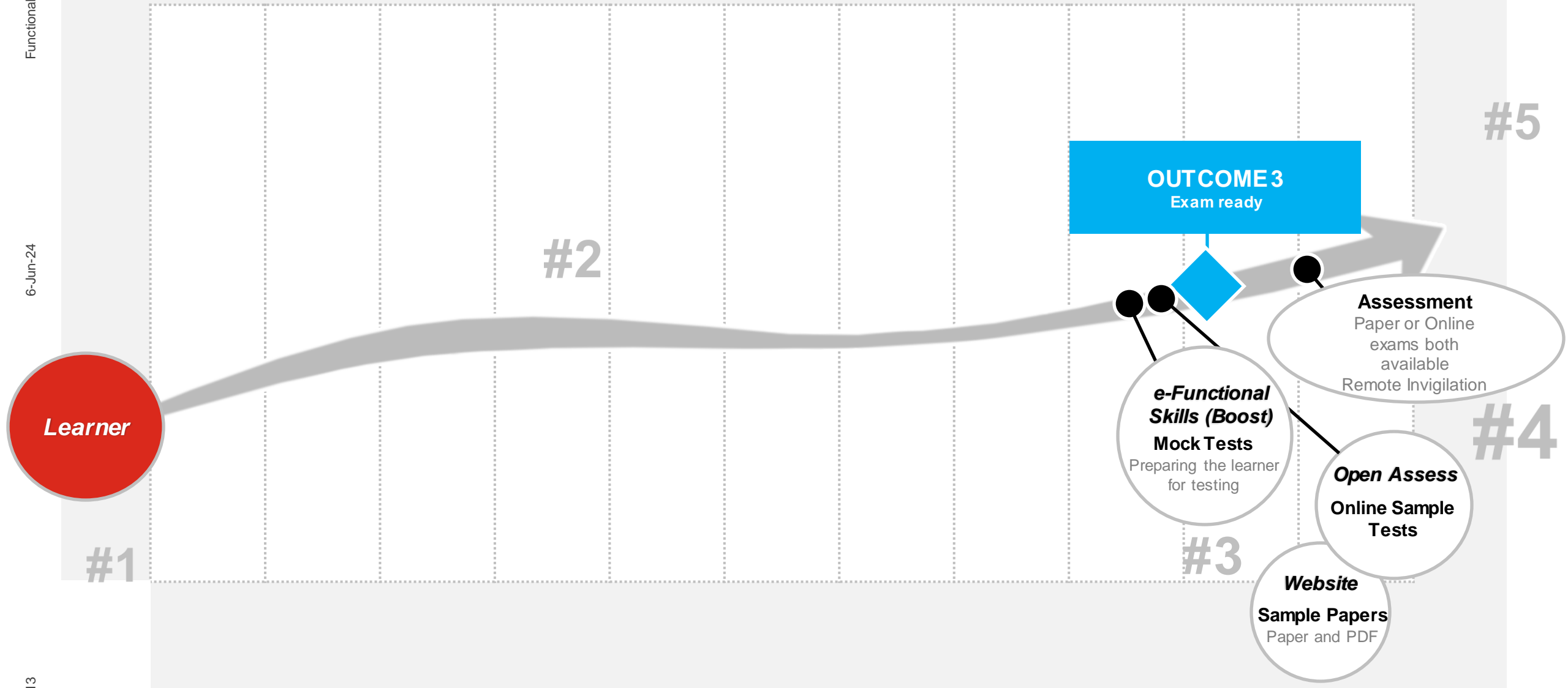
0:00 / 1:19

0:00 / 1:37

A learner's journey

Supporting them to become maths and English exam ready

6-Jun-24



Sample papers

All available on the [4748-qualification webpage](#) as a writable PDF.

The image displays four sample papers from City & Guilds, each presented on a white background with a colored circular graphic behind it. The papers are:

- Functional Skills English Reading Level 2 Sample Paper 4:** Includes Development Plans and a Question Paper. The background is green.
- Functional Skills Level 2 English Writing Sample Paper 3:** A Question Paper. The background is grey.
- Level 2 Functional Skills Mathematics Sample Paper 2:** SECTION 1 – CALCULATOR NOT PERMITTED. Includes candidate details, instructions, and a list of required materials. The background is light green.
- Level 2 Functional Skills Mathematics Sample Paper 2:** SECTION 2 – CALCULATOR PERMITTED. Includes candidate details, instructions, and a list of required materials. The background is red.

Assessment preparation

Open Assess

- Online sample tests for learners
- 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](#)



Open Assess

User Name:

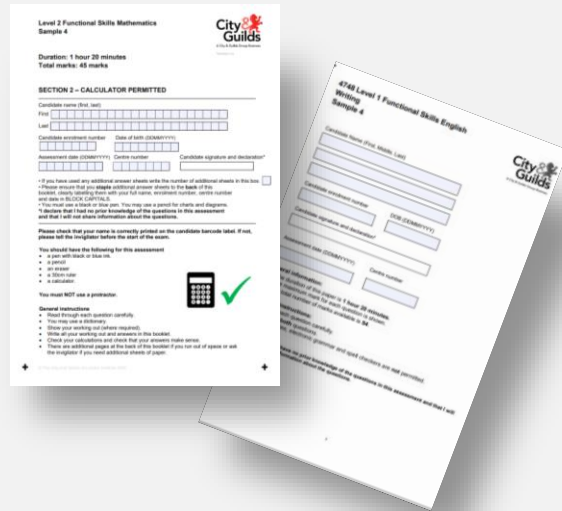
Password:

Login

[Can't access your account?](#)

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

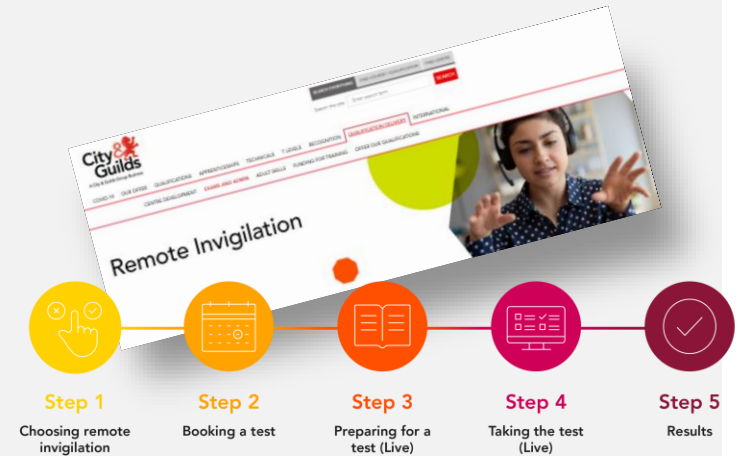


e-volve

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.

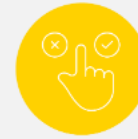
Are you currently using the Remote Invigilation service?

- Yes
- No
- No - First I have heard of it
- No - Thinking about using it

If you are not able to take part in the polls, please feel free to email your responses to:

pre-employment@cityandguilds.com

Remote invigilation



Step 1

Choosing remote invigilation



Step 2

Booking a test



Step 3

Preparing for a test (Live)



Step 4

Taking the test (Live)



Step 5

Results

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

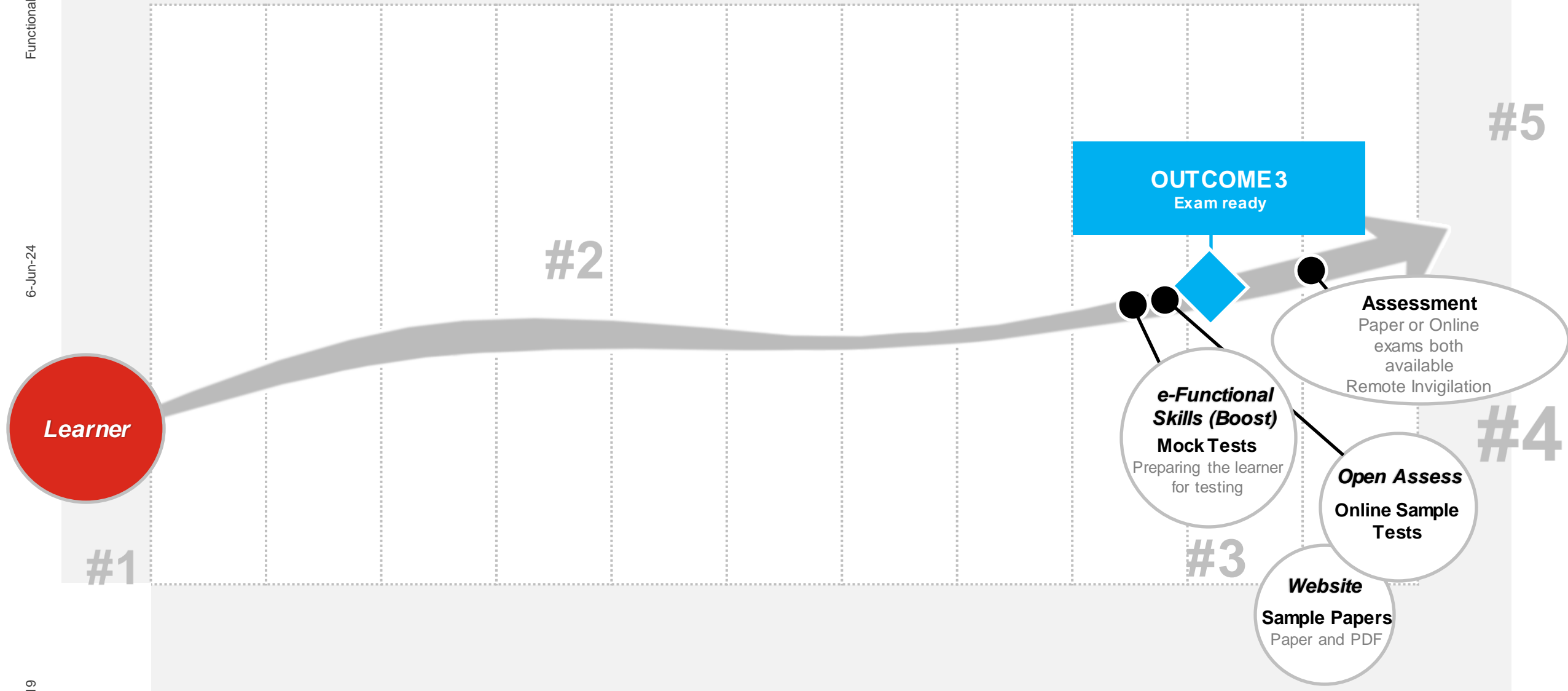
Reduced internal invigilator staff costs

Increased delivery with more testing opportunities

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6-Jun-24



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 \(cityandguilds.com\)](https://www.cityandguilds.com)

e-volve centre analytics

e-volve centre analytics

WORKING WITH US

- > [e-Certificates](#)
- > [e-volve](#)
- > [Walled Garden](#)

WHAT WE OFFER

[View all](#)

E-VOLVE

- > [Application form](#)
- > [Familiarisation](#)
- > [Software licence](#)

WORKING WITH US >

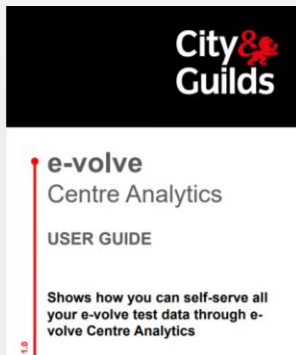
e-volve centre analytics is a new, free online results analysis tool for City & Guilds centres, that gives you in depth analysis of your learners' performance for evolve tests.

With just a few clicks e-volve centre analytics will allow you to display your e-volve test data, in an easy to understand format. You will be able to analyse by date ranges, qualifications and units, view in various layouts and export for further analysis.

An overview of e-volve centre analytics

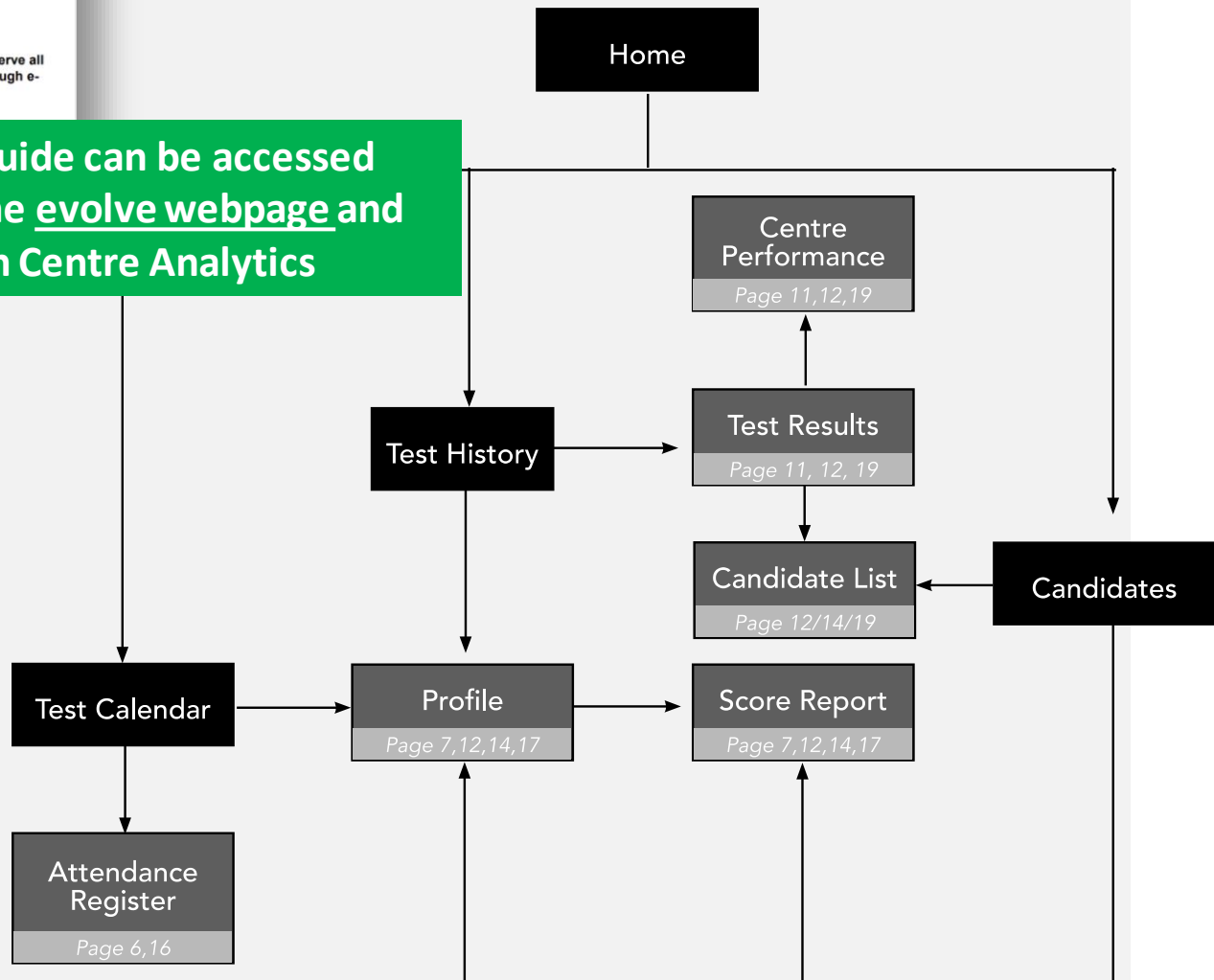


E-evolve Centre analytics



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

- Allows candidate performance data from e-evolve 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)

Online Provisional Score Report

Marks are allocated to SCS covered in each paper. These can be used for providing further support to learners on areas needed

Provisional Score Report

City & Guilds

PRIVATE AND CONFIDENTIAL

Enrolment No: [Redacted]

Centre: [Redacted]

Centre Installation Code: [Redacted]

Qualification: **4748 Functional Skills**

Unit or Assessment: **4748-120 Functional Skills Mathematics Level 2**

Test Date: [Redacted]

Score: **38.33%**

Grade: **Fail**

For internal use	Mark Available	Mark Achieved	Percentage
For internal use	0	0	0%
4748-120 Functional Skills Mathematics Level 2	Mark Available	Mark Achieved	Percentage
SCS10 Add, subtract, multiply and divide decimals up to three decimal places	1	1	100%
SCS4 Identify and know the equivalence between fractions, decimals and percentages	11	5	45.45%
SCS26 Work out the probability of combined events including the use of diagrams and tables, including two-way tables	2	1	50.0%
SCS8 Express one number as a fraction of another	1	1	100%
SCS5 Work out percentages of amounts and express one amount as a percentage of another	2	1	50.0%
SCS25 Use the mean, median, mode and range to compare two sets of data	6	0	0%
SCS24 Estimate the mean of a grouped frequency distribution from discrete data	1	0	0%
SCS1 Read, write, order and compare positive and negative numbers of any size	1	1	100%
SCS2 Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation	2	1	50.0%
SCS22 Calculate values of angles and/or coordinates with 2-D and 3-D shapes	3	3	100%

Provisional Score Report

City & Guilds

SCS6 Calculate percentage change (any size increase and decrease), and original value after percentage change	1	1	100%
SCS20 Understand and use common 2-D representations of 3-D objects	1	0	0%
SCS11 Understand and calculate using ratios, direct proportion and inverse proportion	4	1	25.00%
SCS23 Calculate the median and mode of a set of quantities	3	0	0%
SCS16 Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles)	6	1	16.67%
SCS7 Order, add, subtract and compare amounts or quantities using proper and improper fractions and mixed number	1	1	100%
SCS17 Use formulae to find volumes and surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders)	1	0	0%
SCS28 Draw and interpret scatter diagrams and recognise positive and negative correlation	6	0	0%
SCS14 Convert between metric and imperial units of length, weight and capacity using a) a conversion factor and b) a conversion graph	6	4	66.67%
SCS9 Order, approximate and compare decimals	1	1	100%
Overall Total	60	23	38.33%

Score reports- fail (paper)

Using the Performance Codes document on the 4748 qualification page can support you

Provisional Score Report

City & Guilds

PRIVATE AND CONFIDENTIAL

Enrolment No: [REDACTED]

Centre: [REDACTED]

Centre Installation Code: [REDACTED]

Qualification:

Unit or Assessment: **Functional Mathematics Level 1**

Test Date: [REDACTED]

Score: **29**

Grade: **Fail**

Functional Mathematics Level 1		Performance Codes
SCS 30-31 Probability greater than 50%		SW
SCS8-16 Working with percentages, decimals & fractions less than 50%		SP
SCS 27-29 Using data such as averages, graphs & charts less than 50%		SV
SCS1-7 & 17 Working with numbers less than 50%		SN
SCS21-26 Geometry, area, volume and angles less than 50%		ST
SCS18-20 Units of measure greater than 50%		SQ

SP		14. Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof 15. Estimate answers to calculations using fractions and decimals 16. Recognise and calculate equivalences between common fractions, percentages and decimals	Achieved less than 50% of the available marks for this content
----	--	--	--

SS		Geometry, area, volume and angles: 21. Recognise and make use of simple scales on maps and drawings 22. Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles 23. Calculate the volumes of cubes and cuboids 24. Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles 25. Interpret plans, elevations and nets of simple 3-D shapes 26. Use angles when describing position and direction, and measure angles in degrees	Achieved 50% or more of available marks for this content
ST	SCS 21, 22, 23, 24, 25 & 26		Achieved less than 50% of the available marks for this content

Example of resources

SCS8-16 Working with percentages, decimals and fractions less than 50%
 SCS21-26 Geometry, area, volume and angles less than 50%

Smart Screen contains a wide range of activities, worksheets, interactive activities and videos are available to support tutors and learners

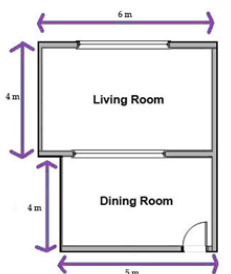
Worksheet 25: Decorating at home

Problem to solve You want to update your dining room and living room. You decide to re-paint both rooms and add a new skirting board to the dining room.

Your task is to calculate:

1. How much paint is needed to paint both ceilings?
2. How much paint is needed to coat each wall?
3. How much skirting board will you need for the dining room?

Here is a plan of both rooms:



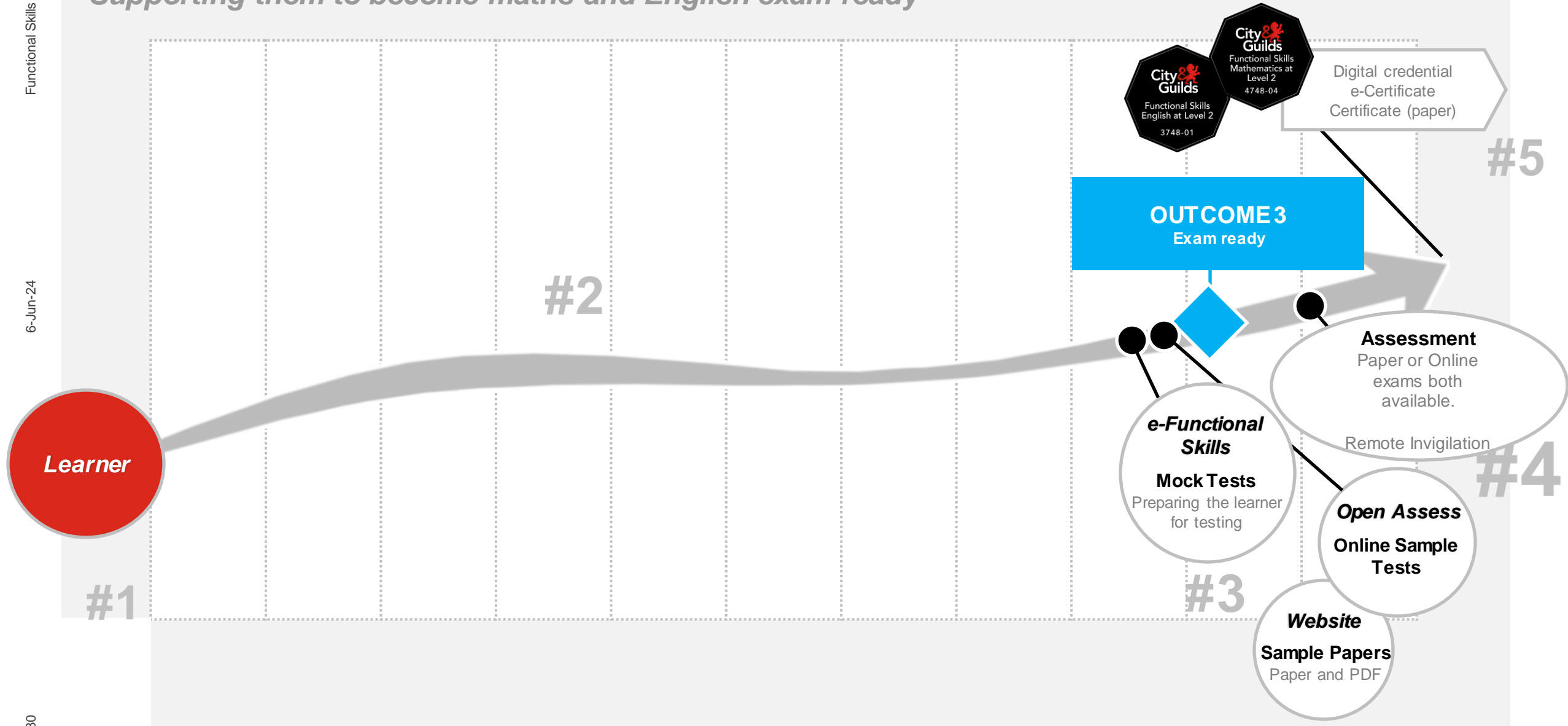
*Note: Image is not to scale

SOW or Resource Guide, resources can be found with the corresponding SCS

A learner's journey

Supporting them to become maths and English exam ready

6-Jun-24

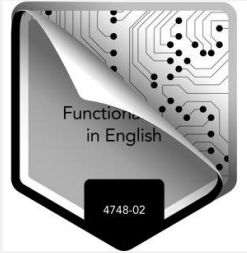


Were you aware that a learner will be allocated a Digital Credential, once they have passed their Functional Skill exam?

- Yes
- No

If you are not able to take part in the polls, please feel free to email your responses to:
pre-employment@cityandguilds.com

Digital credentials

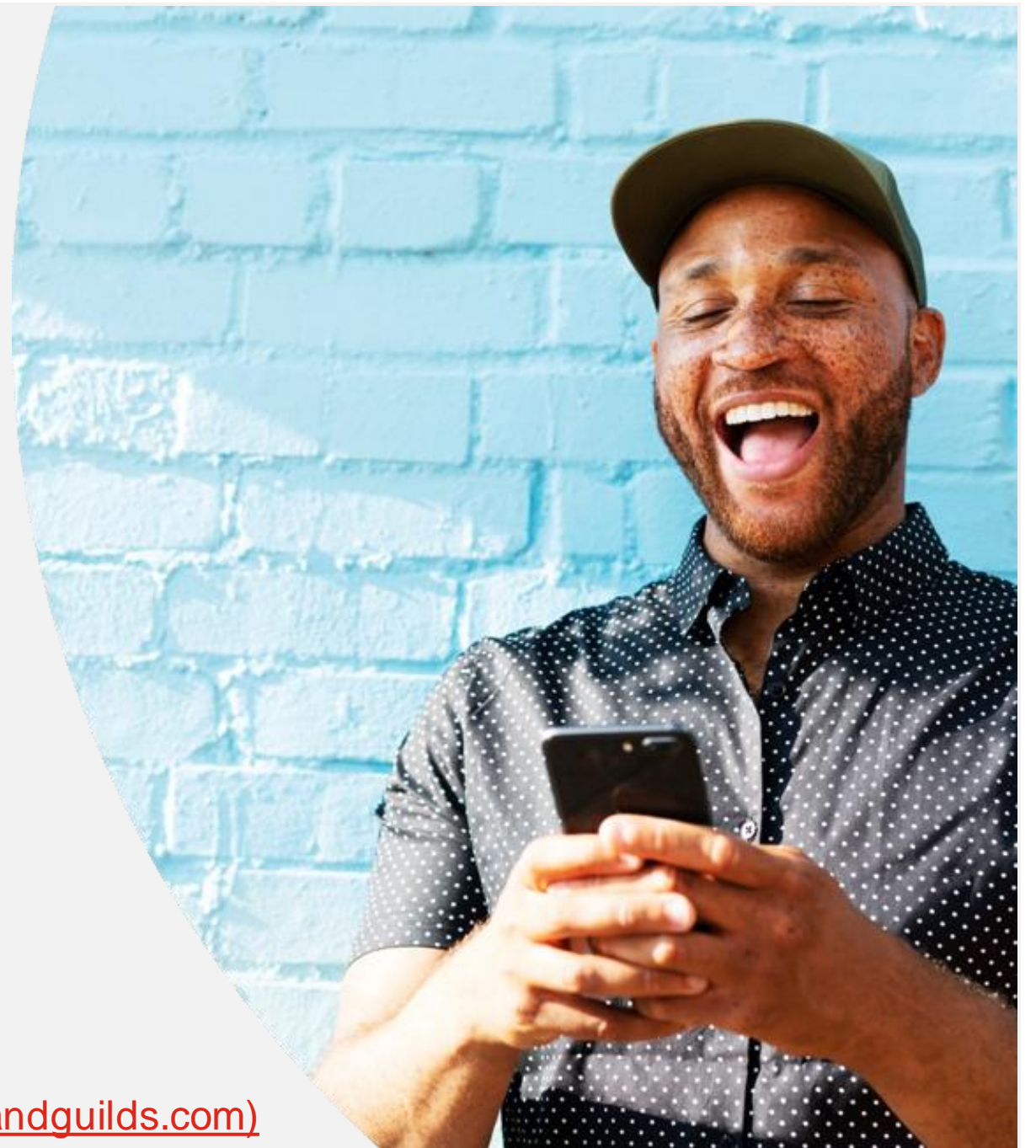


More than a line on a CV, digital credentials provide **verifiable proof of an achievement**.

All the information is packed into an image file that can be displayed via online CVs and social networking sites such as LinkedIn, Facebook or Twitter.

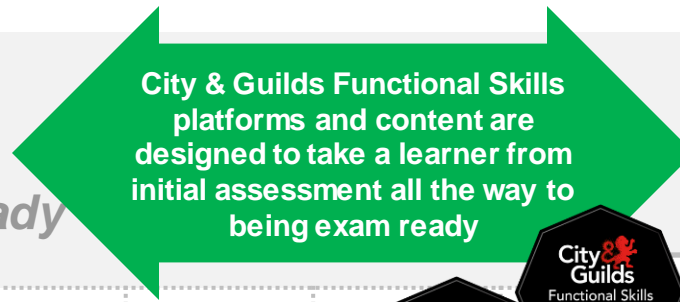
Free and easy to set up- just add learners' personal email address during the registration on Walled Garden.

[Individuals - Digital Credentials | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com)

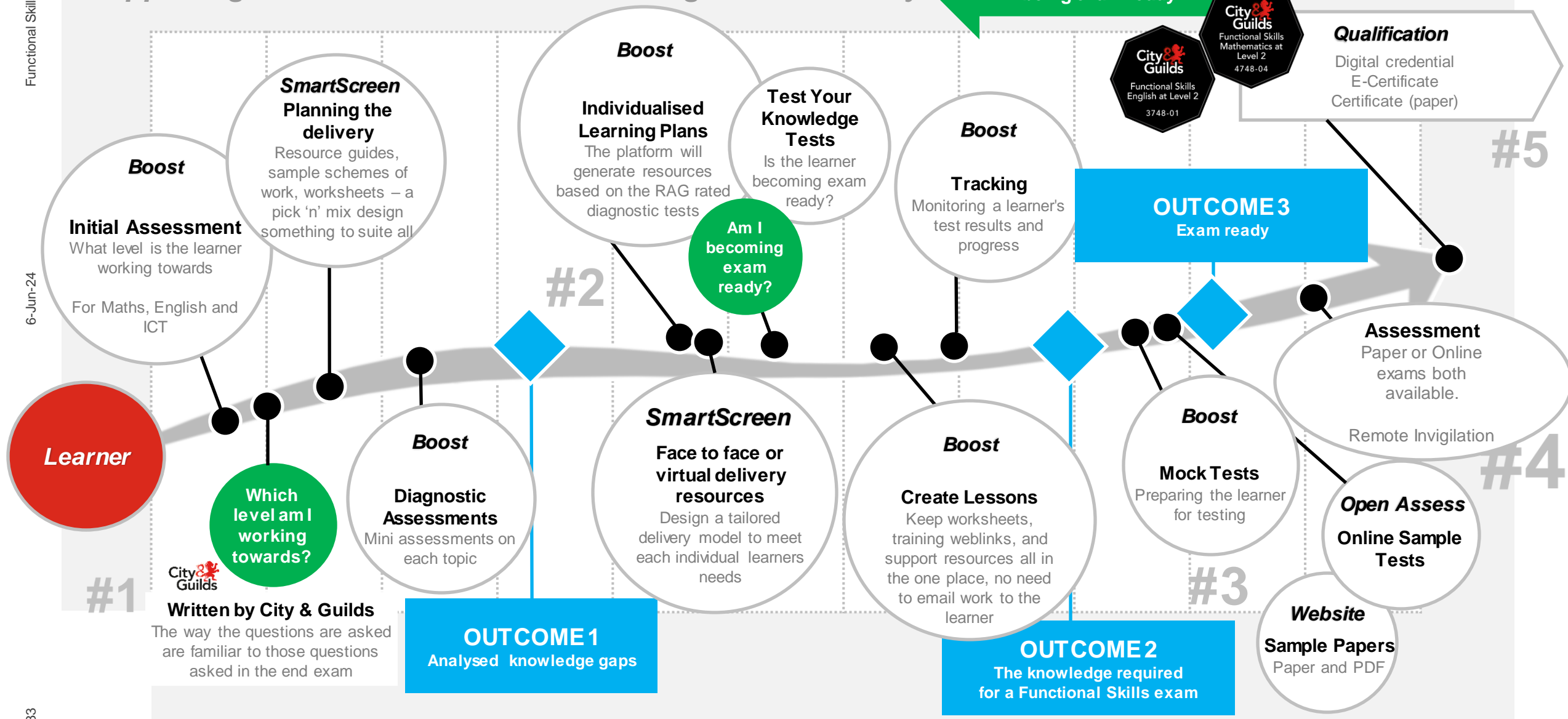


A learner's journey

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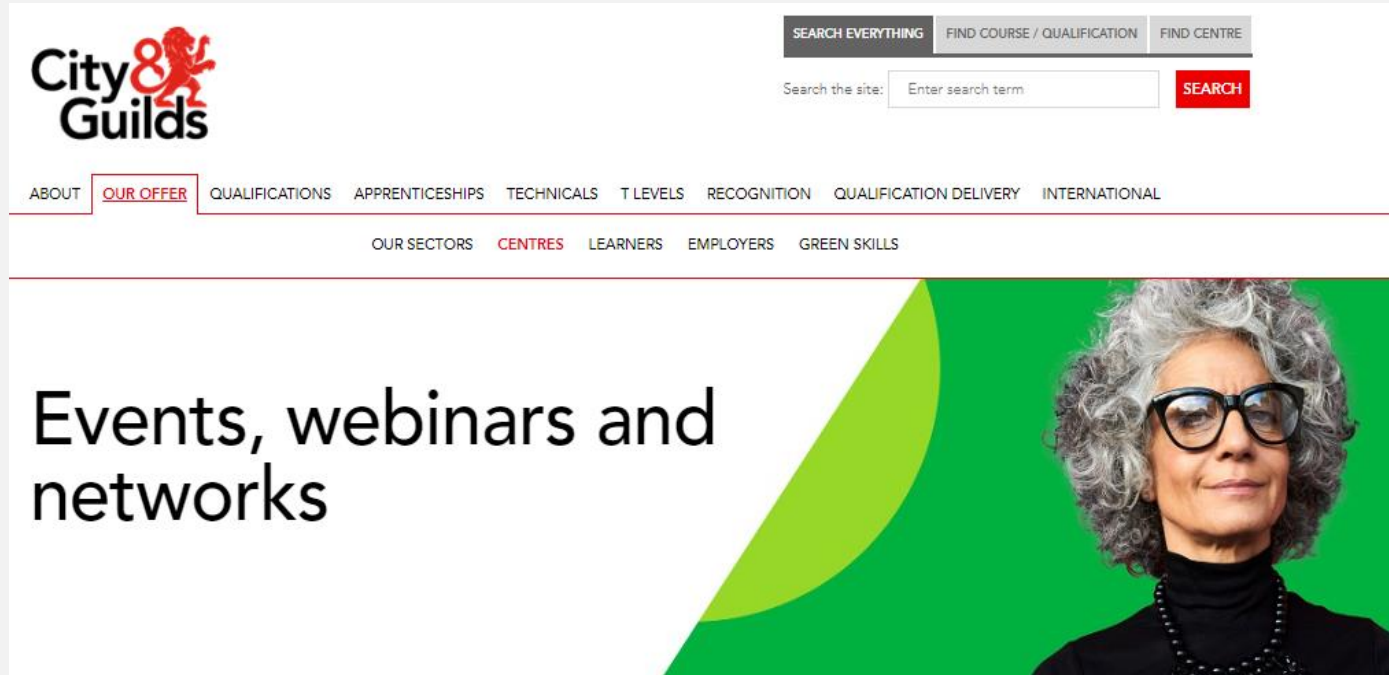


Technical Advisor support

Join us for our online and face to face
Connect-Share-Networks!



Pre-employment@cityandguilds.com



The screenshot shows the City & Guilds website homepage. At the top left is the City & Guilds logo. To the right is a search bar with three tabs: 'SEARCH EVERYTHING', 'FIND COURSE / QUALIFICATION', and 'FIND CENTRE'. Below the search bar is a search input field with the placeholder text 'Enter search term' and a red 'SEARCH' button. Below the search bar is a navigation menu with the following items: 'ABOUT', 'OUR OFFER', 'QUALIFICATIONS', 'APPRENTICESHIPS', 'TECHNICALS', 'T LEVELS', 'RECOGNITION', 'QUALIFICATION DELIVERY', and 'INTERNATIONAL'. Below the navigation menu is a secondary navigation menu with the following items: 'OUR SECTORS', 'CENTRES', 'LEARNERS', 'EMPLOYERS', and 'GREEN SKILLS'. Below the navigation menu is a large banner with the text 'Events, webinars and networks' on the left and a portrait of a woman with grey hair and glasses on the right. The background of the banner is green and white.

[Events and Webinars - Maths and English | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com)

Digital Solution support

Digital Solution Managers host demos and training sessions for E-functional Skills as well a variety of other Digital Platforms such as EPA Pro, Learning Assistant, Smart Screen, Remote invigilation, Walled Garden, Open Assess, Evolve & Centre Analytics

[Digital Platforms and Solutions | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com)



Questions and answers

If you are watching this recording, you can send any questions you may have to...

pre-employment@cityandguilds.com





Call to action

For further platform enquiries please contact:

digital.solutions@cityandguilds.com

For existing platform customer queries:

digitalsupport@cityandguilds.com

For further information regarding digital credentials contact:

dcsales@cityandguilds.com

For maths and English queries contact:

pre-employment@cityandguilds.com

Thank you!

This recording and slide deck will be shortly available on the Resource Hub webpage.

We will be holding our next webinar on Wednesday 4 July 2024 at 11am.

[Registration \(gotowebinar.com\)](https://gotowebinar.com)

About City & Guilds

Founded in 1878 to develop the knowledge, skills, and behaviours needed to help businesses thrive, we offer a broad and imaginative range of products and services that help people achieve their potential through workbased learning. We believe in a world where people and organisations have the confidence and capabilities to prosper, today and in the future. So we work with likeminded partners to develop the skills that industries demand across the world.

About ILM

ILM is the leading specialist provider of leadership qualifications in the UK. Last year, over 70,000 people enhanced their skills and performance with ILM, including 14,000 management apprentices. We believe that great leaders can come from anywhere. With the right support, anyone can grow and develop to make a real difference to their team and organisation. Which is why we help individuals from all levels to realise and apply their potential, so that the organisations they work for can reap the benefits.



To learn more about City & Guilds Maths, English and Functional Skills, please contact

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