



# Supporting numeracy across West Yorkshire

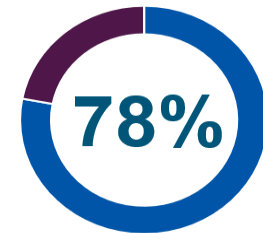


# Innumeracy in the UK

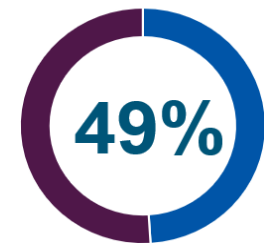
\*The 2011 Skills for Life Survey identified shocking levels of numeracy in the UK.

Literacy was improving but numeracy was getting worse from a much lower starting point.

Innumeracy is a “hidden” problem – some adults feel ashamed to admit they lack confidence or skills in numeracy.



of adults are working below level 2  
(GCSE grade 4/C)



of adults have the numeracy skills  
expected of children at primary  
school

# Innumeracy in West Yorkshire

Estimated number and proportion of people (aged 16-64) with literacy and numeracy skills at entry level and below.

Local Authority	Population	Literacy	Numeracy	Literacy	Numeracy
Bradford	317,103	52,425	173,824	17%	55%
Calderdale	128,344	19,978	64,182	16%	50%
Kirklees	258,079	41,282	135,079	16%	52%
Leeds	529,384	84,163	258,044	16%	49%
Wakefield	207,513	39,480	115,031	19%	55%
West Yorkshire	1,440,423	237,328	746,160	16%	52%

# The Essentials of Numeracy

It was felt a different approach was needed so our maths consultants reviewed the curriculum and created “The Essentials of Numeracy”

The maths needed to be confident and competent in the workplace.

Based on 4 areas around the outside which show traditional aspects of maths:

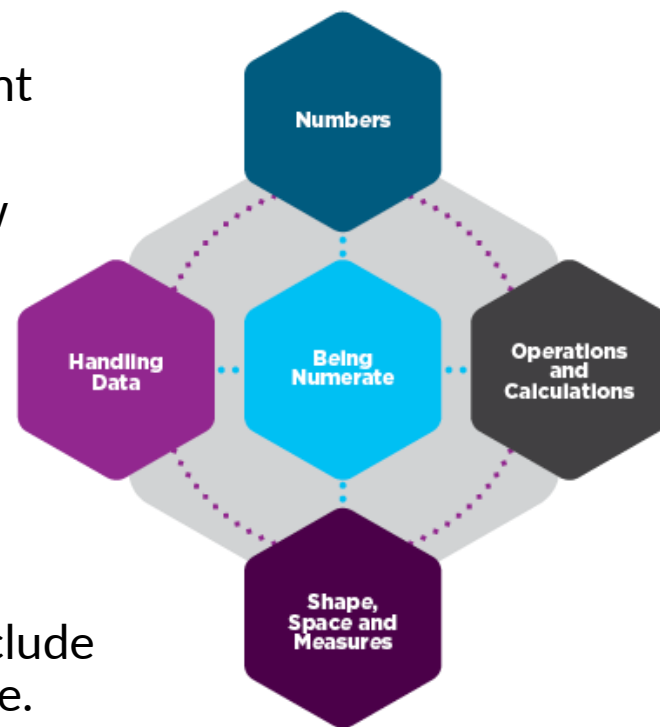
Numbers

Operations & Calculations

Shape, Space & Measures

Handling Information

There is no algebra or trigonometry - we only include skills that you need in daily life and the workplace.



*This is the foundation of The National Numeracy Challenge- online learning resource*



# What is a Numeracy Champion?

Numeracy Champions support positive conversations with others about numbers. They:

- Talk positively with others who may feel anxious about maths, and inspire them to share their experiences
- Engage and support others to have a more positive approach towards numbers
- Signpost others to take the first steps in improving their numeracy skills using National Numeracy's online resources
- Utilise the tools and resources from the programme

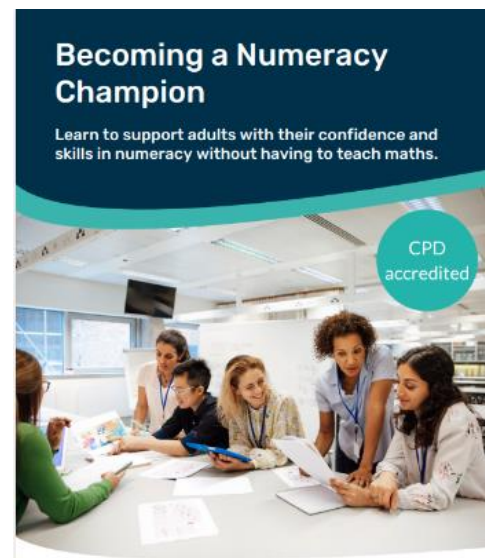
*Numeracy Champions do not teach maths*





# Benefits of being a Numeracy Champion

- CPD-accredited training programme, enhancing your own professional development
- Exploring your own numeracy journey and how this can impact your everyday life
- Opportunity to join a network of other champions across various industries to share best practices and collaborate
- Access to resources, key messages and further activities to support you in your role
- Calendar of events for you to engage in
- Ongoing support and continued relationship with National Numeracy to help you to support numeracy within your workplace



# Who could be a Numeracy Champion?

**Anyone with an interest in supporting others to feel more confident with numbers!**

- Someone in a supportive role: Health and Wellbeing/ Staff Development or HR Professional
- Multiply Leads, delivery partners, training providers, adult and family learning practitioners.
- Someone who is responsible for teams: Line Managers, Team Leaders, Supervisors
- School Teachers, Teaching Assistants, Support, Admin and Facilities staff in schools.



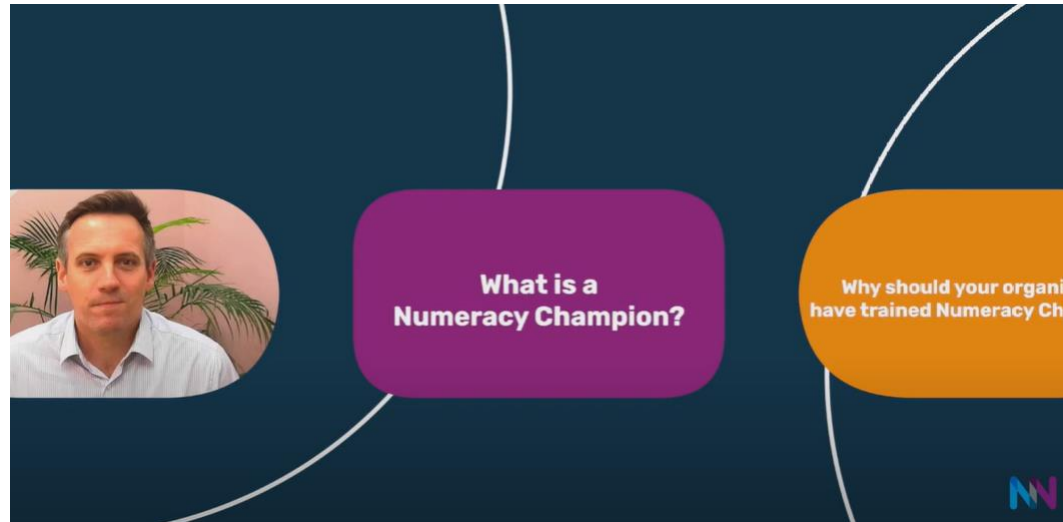


# Programme overview

- Delivered over Zoom, in two x 3 hour sessions
- Accredited CPD certificate upon completion
- Mix of videos, polls, presentations, case studies and discussions
- Full Training Pack of resources and Activity Workbook provided
- Cohorts of 30-35 participants from across the UK
- Ongoing support from National Numeracy
- Invitations to regular Forums, offering networking opportunities for trained Champions
- Communications toolkit to help Champions engage in our National campaigns.



# Numeracy Champion- Sam Sims CEO



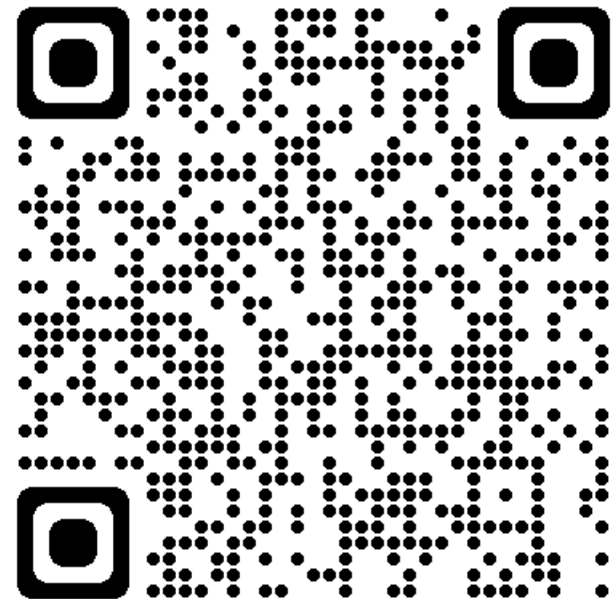
# How you can get involved -upcoming programmes

[Become a Numeracy Champion – Multiply | National Numeracy](#)

Use the QR Code or above link to access a choice of programme dates listed below:

Sign-up for this fully funded, CPD-accredited programme

- › Monday 22nd & 29th January 1:30pm - 4:30pm
- › Tuesday 23rd & 30th January 1:30pm - 4:30pm
- › Friday 2nd & 9th February 1:30pm - 4:30pm
- › Tuesday 20th & 27th February 1:30pm - 4:30pm
- › Thursday 22nd & 29th February 9:30am - 12:30pm
- › Monday 4th & 11th March 1:30pm - 4:30pm
- › Friday 15th & 22nd March 1:30pm - 4:30pm
- › Monday 18th & 25th March 9:30am - 12:30pm
- › Wednesday 20th & 27th March 9:30am - 12:30pm



# What Numeracy Champions say

“I now have a greater understanding of the national situation around numeracy and how, in my role, I can support people with low numeracy skills.”

“I found all of the programme useful. I actually came with a fear of numbers, but realise I use them every day in everything.”

“I now realise that building up confidence is key to unlocking the fear of numbers.”

“I feel empowered to have conversations about maths, numeracy and numbers. As someone who suffers from maths anxiety, I feel more confident about my journey as a Numeracy Champion.”

# What Numeracy Champions say

“Thank you to you and all the team at National Numeracy for helping me to understand my journey, gain the confidence to vocalise it, as well as to build my skills further, and the opportunities to share it with others.

The Numeracy Champion role has been incredible for me, and I'm so glad I took a chance on it as it's really helped me to change the way I think about maths and to be helping others to do the same is really special.”

# What Numeracy Champions say

“

**For me it's been transformational. Getting past that maths barrier has changed my life.**

—  
Anne

”



# National Numeracy Challenge

<https://www.nationalnumeracy.org.uk/challenge>



Brought to you by UK charity National Numeracy

Get Started

Login

Welcome to the new and improved National Numeracy Challenge

However you feel about maths,  
you're not alone

Let's get started

I've already signed up



# National Numeracy Challenge

## How confident do you feel with numbers?

On a scale of 0 to 10, where 0 is "Not at all confident" and 10 is "Very confident", how confident are you working with numbers in everyday life?

Not at all  
confident



Very  
confident

# National Numeracy Challenge

[← Back to home](#)

## How do you feel about maths?

Pick the word that best describes how you feel about maths.

Good

Anxious

Sick

Comfortable

Great

Love

Worried

Bored

Happy

Interested

Terrified

Nervous

Stupid

Confident

Fine

Panic

Defeated

Excited

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# National Numeracy Challenge

- Focuses on everyday maths.
- Includes multiple choice questions with an option for 'I don't know.'
- Has no time limits.
- Quick check "identifier" takes no more than 10 minutes to complete so learners can access the resources more quickly.
- Adapts to the learner's level.

Following a deposit, a business account went from £1450 overdrawn to £365 in credit. How much was deposited?



First Commercial Bank  
Taking Care of Business since 1929

£730

£1065

£1085

£1815

I don't know

# National Numeracy Challenge

## See the questions you got wrong and improve your skills

Which of these measurements uses imperial units?

[Learn](#)

How many breakfasts were served on Thursday?

[Learn](#)

An airliner can hold up to 755 passengers. 721 people are booked on a flight. How many spare seats will there be?

[Learn](#)

It costs £10 to send a parcel. How much would it cost to send 25 parcels?

[Learn](#)

### Your score

Your last quick-check score on 02/11/2022 was 0

[What does my score mean?](#)



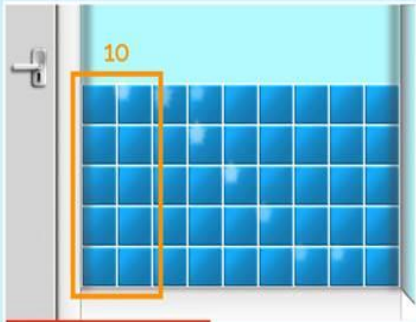
### Practice

When you're ready, practise with some more everyday maths questions

[More questions](#)

# National Numeracy Challenge

- **Learning resources** from National Numeracy
- Learners are presented with a bank of resources based on the questions they got wrong.
- These provide the correct answer and a step-by-step guide to help them understand the question.
- The Learner retakes the quick check and is presented with new resources at the appropriate level moving them towards the Essentials of Numeracy.



We can count in fives as we move across the strips of tiles.

There are 10 tiles in the first two strips.

Hit **Next** to see the total.

*You want to replace these tiles with white tiles of the same size. How many tiles will you need?*

Back Next

# How the levels compare

<b>NN Challenge Quick Check</b>	<b>Functional Skills Level</b>	<b>School</b>
<b>16-20 Essentials of Numeracy</b>	<b>Level 1 / Level 2</b>	<b>New GCSE 9 – 4 Old GCSE A* - C</b>
<b>12-15</b>	<b>Level 1</b>	<b>New GCSE 3 – 1 Old GCSE D – G</b>
<b>8-11</b>	<b>Entry Level 3</b>	<b>Expected age 9 to 11</b>
<b>4-7</b>	<b>Entry Level 2</b>	<b>Expected age 7 to 9</b>
<b>0-3</b>	<b>Entry Level 1</b>	<b>Expected age 5 to 7</b>



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