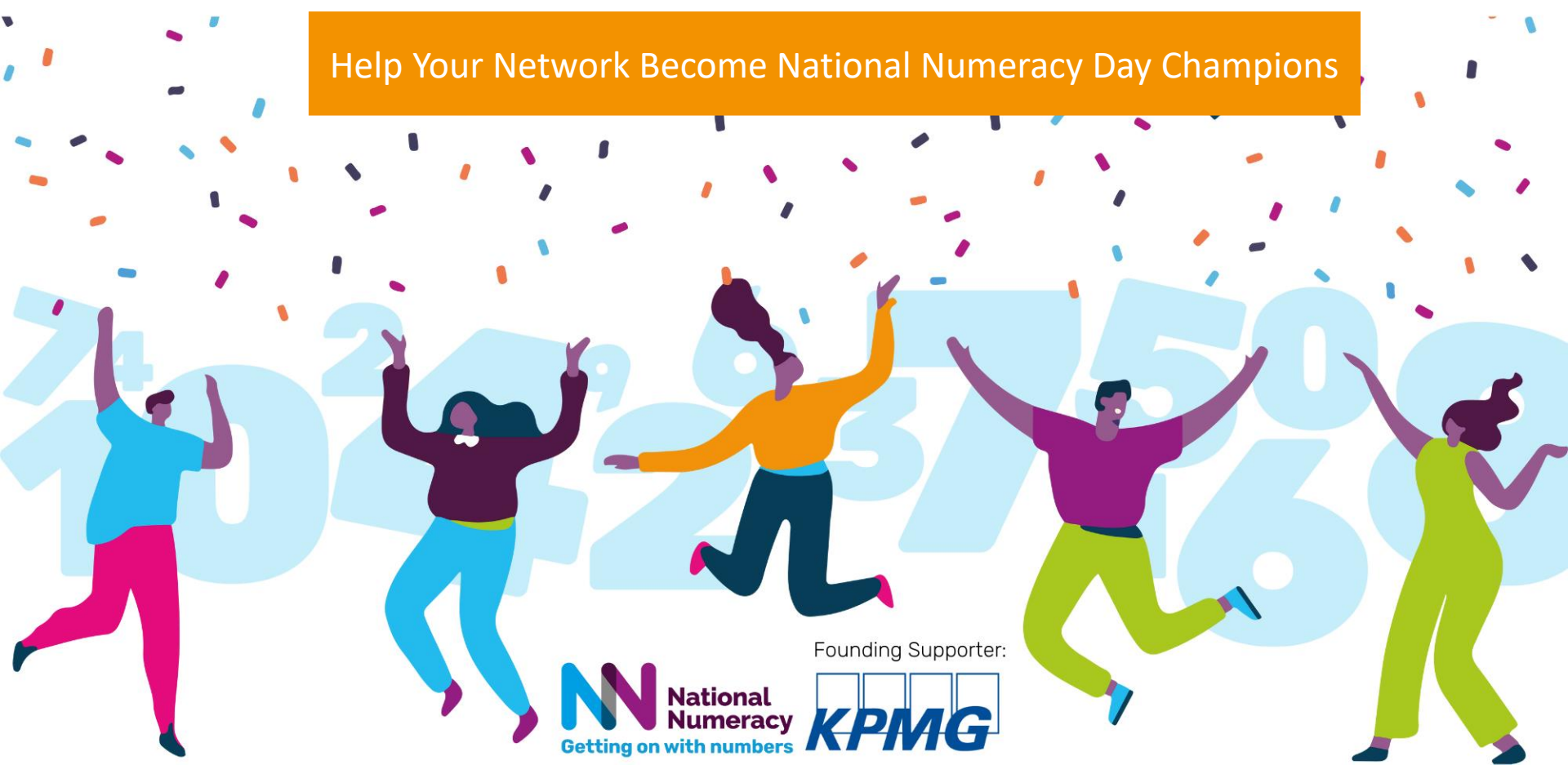


National Numeracy Day

18 May 2022

National
Numeracy
Day

Help Your Network Become National Numeracy Day Champions



NN National
Numeracy
Getting on with numbers

Founding Supporter:

KPMG

The Issue



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

Struggling with numbers can make people more vulnerable to debt, unemployment, poor health and fraud

all of which have been exacerbated by the Covid-19 crisis and now, the cost-of-living crisis.

18 May 2022

- Our flagship campaign
- The only UK campaign for everyday maths
- We seek to reach and help children and adults
- Brings together organisations, institutions, businesses and individuals – to make change
- All about being positive about numbers
- Inspires everyone to improve their numeracy in order to open up opportunities and brighter futures.





Help us reach the 49%

Help us share the message of National Numeracy Day

What can you do:

- Promote National Numeracy Day to your networks of teachers and education providers using this [communications toolkit](#)
- Sign up to be a Champion school to receive your free toolkit and get your students feeling number confident using these links:

[Find out more and sign up for organisations supporting ages 0-16](#)

[Find out more and sign up for organisations supporting ages 16+](#)



How Will Champion Organisations and education providers benefit?



Key Activity: For National Numeracy Day Champion Schools and Organisations

- Schools, organisations or community groups
- Sign up online to take part in National Numeracy Day
- Use the free and fun toolkit to get the people they support or work with feeling number confident
- 2,810 Champion orgs in 2021
- We hope to have even more this year!



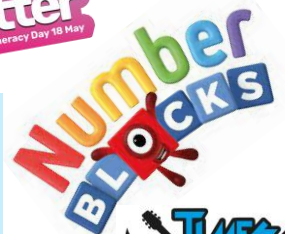


Schools offer:

- **5th Birthday party resources, guides and decorations**
Get your whole school celebrating the 5th National Numeracy Day Campaign
- **Rocking and Rolling Numbers Live Event** – Times Tables Rock Stars are inviting all schools and families to take part in a fun celebratory times tables event via YouTube.
- **Number Heroes competition** to win one of five bundles of numeracy prizes worth at least £1000 for your school, youth group or community centre (for children pre-school to Y8/S2).
- **Lesson starter video** featuring celebrity-led activities.
- **Ideas and printable materials** to support activity planning as well as resources for adults, staff and parents.
- **Celebrity-led confidence resources** to help all age groups, from 0-18, feel good about maths.
- **Pre-school collaboration with Numberblocks**
- **Twitter take over** – Join #Bignumbernatter using school accounts

Adults and young adults in training offer:

- **Videos and downloadable confidence-boosting resources**
- **The Big Number Natter** guide and resources
- **Ideas and printable materials** to support activity planning as well as resources for adults, staff and parents.
- **Information and guidance on using the National Numeracy Challenge**



National Numeracy Day

Number Hero Competition

National Numeracy and our partners will again be offering nurseries and schools the chance for children to win an amazing numeracy bundle for their nursery or school and a fantastic prize for themselves while boosting their number confidence.

There will be five categories:

Pre-School:

Nurseries, childminders and other pre-school age organisations.

Primary A:

England/Wales – R, Y1, Y2

Ireland – Y1, Y2, Y3

Scotland – P1, P2, P3

Primary B:

England/Wales – Y3, Y4

Ireland – Y4, Y5

Scotland – P4, P5

Primary C:

England/Wales – Y5, Y6

Ireland – Y6, Y7

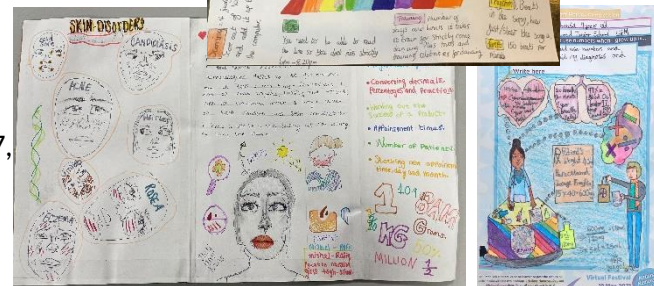
Scotland – P6, P7

Secondary A:

England/Wales – Y7, Y8

Ireland – Y8, Y9

Scotland – S1, S2

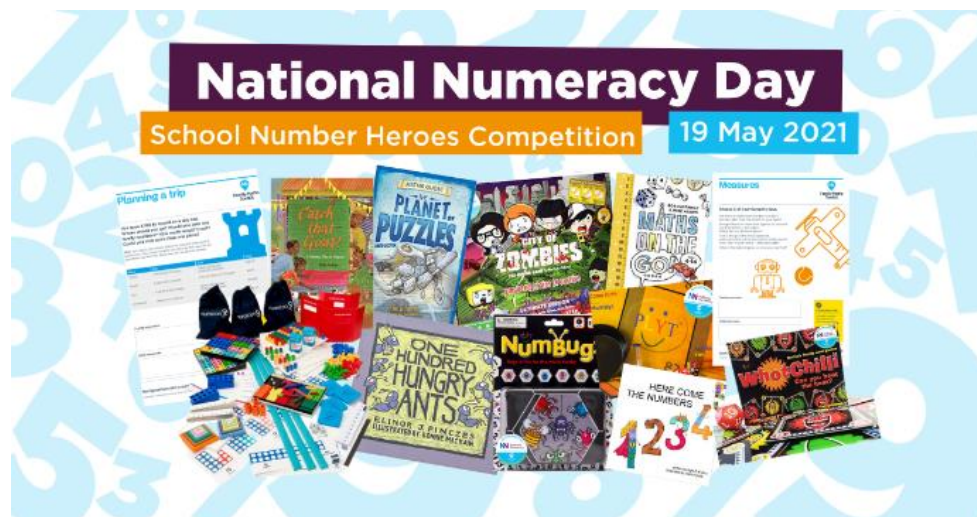


First prize in each category will win:

- A Number Heroes prize pack worth at least £1,000. This will go to the winners' chosen nursery, school or youth group. Each prize pack contains all the games, books and resources you need to get everyone in your community feeling like a Number Hero!
- A £50 gift voucher and certificate for the individual winning child

Three runners up in each category will win:

- £20 gift voucher and certificate



National Numeracy Day

Baking Fun



Peter Sawkins

Winner of the Great British Bake Off 2020
National Numeracy Ambassador

“Let’s have some fun in the kitchen this National Numeracy Day. My cupcake baking activity will get everyone thinking differently about numbers and how we use them every day! You can join in the baking fun by watching Peter’s accompanying video.”

Ingredients

For the cupcakes:

- 110g / 4oz butter or margarine (softened)
- 110g / 4oz caster sugar
- 2 eggs, lightly beaten
- ½ tsp vanilla extract
- 110g / 4oz self-raising flour

For the buttercream icing:

- 150g / 5oz butter, softened
- 280g / 10oz icing sugar
- 1 tsp vanilla extract
- 1-2tbsp milk
- A few drops of food colouring
- Your choice of decorations

Method

1. Beat the butter and sugar together.
2. Beat the eggs into the mixture.
3. Stir in the vanilla extract and then fold in the flour.
4. Spoon the mixture into 12 cupcake cases in a cupcake tray.
5. Bake in the oven for 15 minutes at 180°C / gas mark 4 until golden brown.
6. Cool the cakes on a wire rack.
7. Mix the butter, icing sugar and milk together for the buttercream. Stir in the food colouring, if desired.
8. When the cakes are cool, spread the icing on each one.
9. Give the cakes a signature twist with your own creative decorations



Have fun baking and talking about numbers

With children under 7 you can talk about...

- What ingredients are there more of or less of
- What might happen if you get the timings wrong
- Which cake is the smallest, or biggest? Can you measure it (across the middle from edge to edge)?

With children aged 7+ you can talk about...

- What is the difference between ‘tsp’ and ‘tbsp’ and how much difference do you get when you muddled up?
- How many grams are in a kilogram?
- How much does the whole packet of sugar weigh? How much does 1tsp of sugar weigh?
- If this recipe makes 12 cakes, how many do you need to make 2kg? How would you change the recipe to make 2kg?

With older children you could also talk about...

- The cost of the ingredients – what would it cost?
- Would the total price double? Why/why not?



National Numeracy Day

Numbers and Dancing



Katya Jones

Professional dancer from BBC’s Strictly Come Dancing
National Numeracy Ambassador

“Let’s have some fun dancing this National Numeracy Day. My dancing activities will help everyone to see that maths doesn’t have to be scary. It’s completely normal to find maths difficult. But just like dancing, if we break it down into manageable steps and keep practising, we can ALL get better.”

Everyone can have fun dancing along with Katya and start thinking differently about maths by watching the accompanying video.



Overcoming Maths Anxiety

However you feel about maths, you are not alone. Many of us struggle with using numbers. Here are our top tips to help you overcome maths anxiety.

Talk about it

Tip 1
Talk about how you feel about maths, you’ll find others feel the same way.

Take the pressure off

Tip 2
Learning is not a race, take your time and use your own space.

Set realistic goals

Tip 3
Aim to improve a little bit at a time.

Challenge your own beliefs

Tip 4
Are your thoughts about maths helpful? Or are they holding you back?

Don’t compare yourself to others

Tip 5
We all learn at different paces and that’s OK

Choose resources that work for you

Tip 6
We all learn differently. Try the National Numeracy Challenge for an alternative to classroom maths.

National Numeracy Day

Getting Confident With Maths at Work



No matter what job we have, we use maths every day – for example working with budgets, organising schedules, measuring materials and managing time. It might not be exactly like the maths you did at school, but it is maths.

If we feel anxious about numbers, it can make us feel less confident and make it harder to progress in our careers. But you are not alone. There are some things that you can do at work to make working with numbers feel less daunting.

- Tip 1: Don’t rush – maths at work is not a race**
Feeling under pressure to get answers quickly can make us feel even more anxious about maths. Stop and think about how much time you have and use it if you need to.
It’s more important to be right than it is to be fast. Being calm and taking time to find a process that works for you will help you get the right answer.
- Tip 2: Ask for support with your maths if you need it**
It can be hard to speak up if we are struggling. But if you do point out an area you need help with employers are often very supportive.
Workplaces may have learning programmes in place already, or you can try the National Numeracy Challenge to support your number confidence.
- Tip 3: Talk about how maths makes you feel**
Many of us think we will look silly or be judged if we say we find maths uncomfortable. But many people find working with numbers hard and often your colleagues will feel the same.
Just like when we feel anxious about other things, sharing how we feel about maths and listening to other people who feel the same way can really help.

Next Steps

- Promote National Numeracy Day to your networks of teachers and education providers using this [communications toolkit](#)
- A member of the NN team would be happy to join a meeting or present to your networks of schools about NN Day
- Sign up to be a champion school and receive your free toolkit using these links:

[Find out more and sign up for your free toolkit - for organisations supporting ages 0-16](#)

[Find out more and sign up for your free toolkit - for organisations supporting ages 16+](#)

For more information please contact:

sophie@nationalnumeracy.org.uk