Help Your Child Love Maths!

National Numeracy Champions

Year 5

Point out the maths in everyday life

National Numeracy Champions

Exciting, fun maths sketchbooks!!

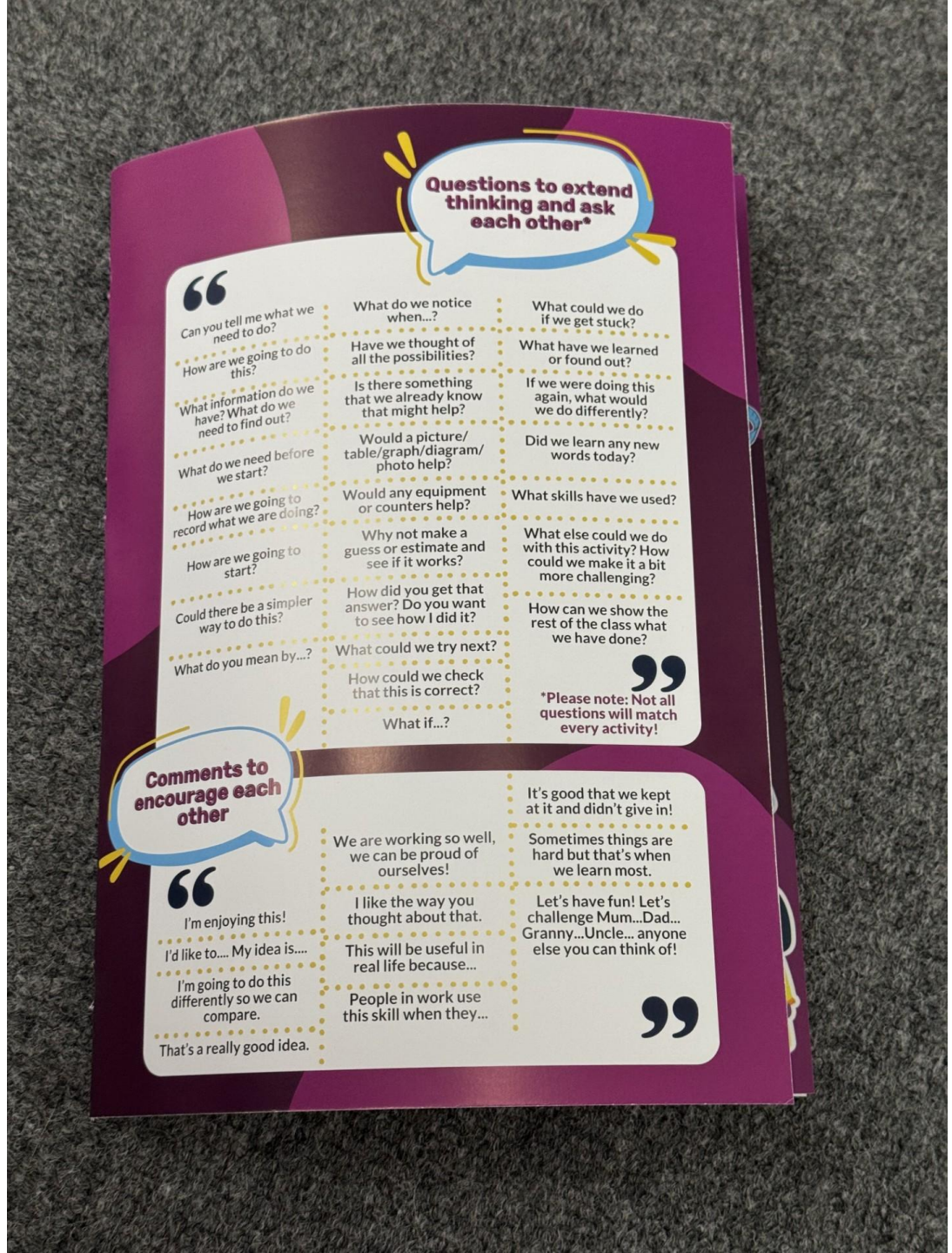
Each child will be given a brand new sketchbook to take home!
Each sketchbook will have an activity stuck in that you can do at home, together as a family.
They will be given out on a Friday and need to be returned the following Monday – giving you two weekends you could do it.
Miss Langridge / Miss Bibi will look at them and give stickers for effort and engagement.
They will then go back out the following Friday (every two weeks)
We will be praising effort and engagement in the activities :)

However you might feel about maths, you can make a huge difference to your children's numeracy learning.

All the evidence shows that talking about everyday maths helps develop children's maths confidence.

Here are some questions that you can ask each other when tackling the activities .....

- **What do we need to do?**
- **What information do we have?**
- **What do we need to find out?**
- **Would any equipment help?**
- **What do you notice when…?**
- **Shall we make a guess and see if it works?**
- **What could we do if we get stuck?**
- **If we were doing this again, is there anything we could do differently?**


Questions to extend thinking and ask each other*
Can you tell me what we need to do?
How are we going to do this?
What information do we have? What do we need to find out?
What do we need before we start?
How are we going to record what we are doing?
How are we going to start?
Could there be a simpler way to do this?
What do you mean by...?
What do we notice when...?
Have we thought of all the possibilities?
Is there something that we already know that might help?
Would a picture/ table/graph/diagram/ photo help?
Would any equipment or counters help?
Why not make a guess or estimate and see if it works?
How did you get that answer? Do you want to see how I did it?
What could we try next?
How could we check that this is correct?
What if...?
What could we do if we get stuck?
What have we learned or found out?
If we were doing this again, what would we do differently?
Did we learn any new words today?
What skills have we used?
What else could we do with this activity? How could we make it a bit more challenging?
How can we show the rest of the class what we have done?
*Please note: Not all questions will match every activity!
Comments to encourage each other
I'm enjoying this!
I'd like to.... My idea is....
I'm going to do this differently so we can compare.
That's a really good idea.
We are working so well, we can be proud of ourselves!
I like the way you thought about that.
This will be useful in real life because...
People in work use this skill when they...
It's good that we kept at it and didn't give in!
Sometimes things are hard but that's when we learn most.
Let's have fun! Let's challenge Mum...Dad... Granny...Uncle... anyone else you can think of!

Lets have a go!!!

Roman numerals timeline

Family Maths Toolkit

Here are some famous events in history and the years they happened in Roman numerals.

Battle of Waterloo	The Gunpowder Plot	Queen Elizabeth II was 90 years old	The First World War started	The Great Fire of London	England football team won the World Cup	The Romans first occupied Wales
Lewis Carroll published 'Alice's Adventures in Wonderland'	First female Prime Minister in the UK - Margaret Thatcher	The Channel Tunnel opened	Decimal currency replaced 'pounds, shillings and pence'	Queen Victoria died	'What makes you beautiful' by One Direction was at number one	Scooby Doo series first on TV
MCMLXIX	MDCCCXV	LXXVIII	MMXI	MDCCCLXV	MCMLXXIX	MCMI
MCMXCIV	MCMLXXI	MDCV	MMXVI	MCMXIV	MCMLXVI	MDCLXI

Can you cut them out and match them up, then place them all on a timeline?
Can you add some years and events that you know to the timeline?

Family comments:

Child comments:

Curriculum Link

Read Roman numerals and recognise years written in Roman numerals.

National Numeracy
Getting on with numbers

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ROMAN NUMERALS

1 =	I	40 =	XL
2 =	II	50 =	L
3 =	III	60 =	LX
4 =	IV	70 =	LXX
5 =	V	80 =	LXXX
6 =	VI	90 =	XC
7 =	VII	100 =	C
8 =	VIII	101 =	CI

- **You can adapt these activities to suit your family's interests and use whatever items you may have to hand, at home or out and about.**
- **You might want to take photos, draw pictures, write calculations or create diagrams - it's up to you!**
- **Do use the comment boxes to reflect your discussions and thoughts as you complete each activity together.**

Healthy counting

Family Maths Toolkit

Health experts say that walking 10,000 steps a day can be a fun way of increasing the amount of physical exercise you do. It can build stamina, burn excess calories and give you a healthier heart.

10,000 steps is about 5 miles (2000 steps are roughly 1 mile).

Think about how far you walk in a day and estimate some activities you do. Here are some ideas:

- Walking to school
- Walking around school
- Walking upstairs
- Walking the dog
- Playing sport

Can you estimate how many steps you might take on an average day? Can you think of ways you could increase this?

Do any of your family think they walk 10,000 steps a day?

Helpful hints: Count steps over a short distance and estimate.

Family comments:

Child comments:

Curriculum Link

Read, write, order and compare numbers up to 1,000,000; solve number problems and practical problems that involve large numbers.

familymathstoolkit.org.uk

National Numeracy
Getting on with numbers

- Let's look at this week's activity …….

QR code takes you to this page which has more information and ideas of activities you can do at home.

National Numeracy
Getting on with numbers

Number Confidence Week | Go to the Challenge

Supporting children | Numeracy for work | Managing money | About numeracy | About us | Support us

Home / Supporting children

Activities for Children

We've got loads of activities and ideas to help parents, carers and teachers build their children's confidence with numbers.

You can access some quick ideas from the three pages below for ages under 5-13, or for dozens of downloadable resources sign-up for free to the **Family Maths Toolkit**.

5 years old and younger

At this age, children are beginning to:

- Learn about basic measurement, shapes, spaces, positions, numbers, order and patterns
- Understand the sequence of numbers
- Understand positional words such as in, on, outside and under
- Develop an awareness of time
- Learn number rhymes and songs

See activities