

Maths at St Barnabas

At St Barnabas, we use *Big Maths*. This programme, supported by our linked interventions, enables our children to become effective mathematicians and raises whole school standards in Mathematics.

What is Big Maths?

Big Maths is a systematic and structured approach to ensuring all children become numerate and then become fully rounded mathematicians. At the heart of this structure are the detailed sequences of learning called progress drives. The Big Maths framework shows the background knowledge the child should already have in order to succeed, as well as a clear view of where that learning will head to next. Big Maths supports the consistency in models, images and mathematical language to create the feeling of one teacher being with the children throughout the school.

Daily lessons

- **C**ounting – exploring the number relationship of a fact, counting it out and deriving it for themselves
- **L**earn Its – simply practising and recalling number facts
- **I**t's Nothing New! – applying new contexts to facts, such as units of measure
- **C**alculation – addition, subtraction, division and multiplication

CLIC becomes a pacey daily maths session that **always** builds fluency on fluency!

CLIC = core maths

- **C**ounting
- **L**earn Its
- **I**t's Nothing New
- **C**alculation

SAFE = wider maths

- **S**hape
- **A**mounts

- **F**ractions
- **E**xplaining Data

Beat Maths Challenges

Every question in the 'Big Maths Beat That!' Challenges is linked to a specific step of learning from the Big Maths framework. Every answer entered by each pupil allows us to identify any gaps in learning immediately. For every learning gap, we can easily use the preceding skills to identify where we need to provide support to plug the gap.

There are 3 sets of challenges:

- Learn Its (16 challenges culminating in the Learn Its Ultimate challenge)
- CLIC (19 challenges)
- SAFE (20 challenges)

This is what our children say about Big Maths ...

The Big Maths jingles make me happy. We dance to them and they help me remember my learn its – child in year 2

I love the Big Maths Challenges, they are so fun. I like beating my score each week. – child in year 5

Big Maths helps me to understand what I have to do – child in year 6

Click here to see some of big maths characters and phrases that we use

<https://www.bigmaths.com/characters-and-phrases/>

Click here to find out about 'Jigsaw numbers'

https://www.bigmaths.com/home_learning/jigsaw-numbers/

Click here to find out about 'Where's Mully'

https://www.bigmaths.com/home_learning/wheres-mully/

Click here to find out about 'Coin Multiplication'

https://www.bigmaths.com/home_learning/coin-multiplication/

Click here to see our learn its and hear the jingles that we play to help the children learn them.

https://www.bigmaths.com/home_learning/learn-its-jingles/