

Phase 1

RECEPTION

Our littlest learners have been learning all about the number 1 and have been exploring numbers to 5 using lots of natural materials, in their super outdoor play area.



An idea to try at home

We often use stories in school to provide context for and to engage the children in the maths they are learning.

MathsThroughStories.org has many links to youtube videos of maths stories that you can share and enjoy with your child.



Mathematics Newsletter

07.10.22

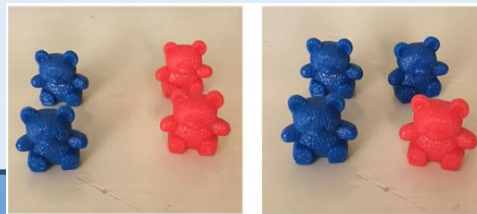
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Some information on a great free resource for KS1 you might like to try.



[SAME BUT DIFFERENT MATH](http://www.samebutdifferentmath.com)

The same but different website provides lots of images to explore with your child with the simple question, 'what is the same and what is different about these pictures?' the depth of mathematical thinking you can achieve is amazing. Try the picture below with your child and find out.

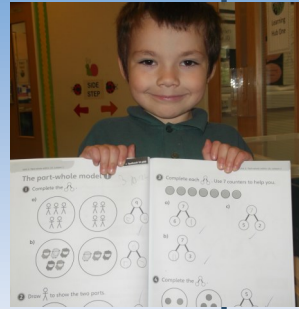


Phase 2

Year 1

Year 1 have been working hard since September on developing their understanding of numbers to 10 and have been introduced to the part-whole model. They certainly love learning in year 1!

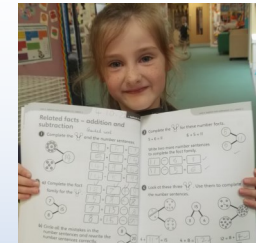
Jaxon, "We have done lots of learning. I have enjoyed learning about number bonds. My favourite thing in maths is all the learning"



Year 2

Year 2, have been exploring numbers to 100 and have loved exploring addition and subtraction through fact families.

Olivia, "I love solving problems and I think I am a really good problem solver. My favourite thing so far has been learning about fact families as you get to do addition and subtraction."



SCHOOL JAM

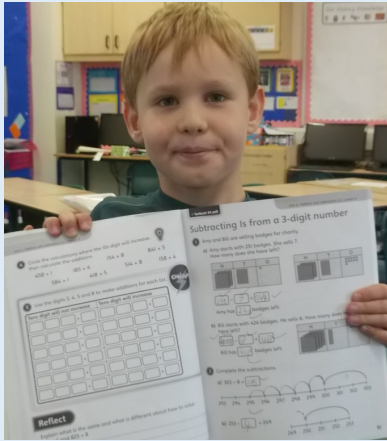
This is the second year that Phase 2 have had access to School Jam, a maths practice programme that we have purchased to complement our use of the Power Maths programme. The activities are fun and engaging and will really help accelerate your child's progress in class. So why not 'get jamming!'

Phase 3

Year 3

Year 3, have been exploring numbers to 1000 and have been practising exchanging in addition and subtraction.

Matthew, "We have been learning about exchanging at the moment. My favourite thing about maths is everything. I like it all!" Me too Matthew!



Year 4

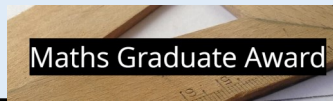
Year 4 have been diving into place value since September, comparing, ordering and rounding 4-digit numbers. The children were introduced to Roman Numerals for the first time and negative numbers. Totally new concepts are always a treat for the children and the teachers too, however, we also consolidate the children's old learning through the use of memory moments. .

Nylah, "Maths is starting to get hard but I can do it. It was amazing when we drew a cube and I used the method to try drawing some other 3D shapes. I just wish we had longer maths lessons."

Become a Phase 3 Maths

Graduate!

Children who wish to become a Maths Graduate will be studying either octahedrons or dodecahedrons. They can choose to study at home and in school during specific study sessions, which will take place out of lesson time. All study materials are available on the school website. After passing the test successfully, children will be awarded with a badge, which they can proudly wear on their uniform. This fantastic programme has been put together by the amazing Mrs Toms and really will help to develop your children's study skills so please encourage your children to participate.



A great free Resource

What better way to start the day than with a maths challenge. Third Space provide free daily maths challenges. Have a go at the one below.

Negative Numbers

Create a number line from -20 to 20. Plot these points on the number line.

- 1
- 2
- 3
- 4
- 5
- 6
- 7

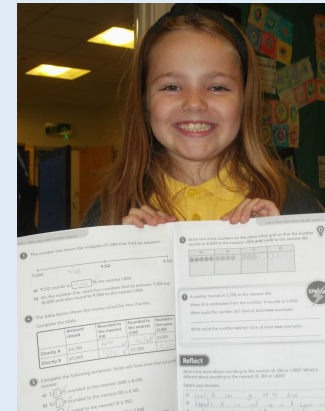
0
3
-3
10
-10
15
-15

Phase 4

Year 5

The challenge level really steps up in upper key stage 2, and our year 5 children have been exploring place value in numbers up to 1,000,000. they have also been tackling Roman Numerals up to 10,000.

Megan, "I have found some things tricky but I get through them and I really like having the practice books."



Year 6

Our year sixes have been working super hard and have been exploring place value to 10,000,000. looking back at our Reception children who are exploring the number 1, it is amazing how far our children come in seven short years. Year 6 then moved on to using formal operations for addition, subtraction, multiplication and division. They love a challenge in year 6.

Rebecca, "I like how maths challenges me, but it is never too hard. If I need help, there is always someone there to help me."