Spotlight on...

Maths

Here at St. Anthony's we passionately believe that every child can be a mathematician. Maths is important as it introduces children to concepts, skills and thinking strategies that are essential in everyday life.
We strive for each child to:

- Become fluent in the fundamentals of each Maths topic
- Reason mathematically
- Solve problems by applying their maths knowledge and seek solutions

Our goal is to achieve this by teaching high quality, engaging and interactive Maths lessons through the Mastery Approach. Encouraging children to use key mathematical vocabulary and motivating them to think positively about the subject and themselves.

As always, we have had a very busy year so far...

EYFS have been busy developing mathematical skills following clear developmental progression from the White Rose and Mastering the Curriculum schemes. They have become proficient in recognising numbers, counting past 10, problem solving and showing pattern, shape and spatial reasoning through fun games and activities. The children have developed positive attitudes towards maths and an enthusiasm for learning.

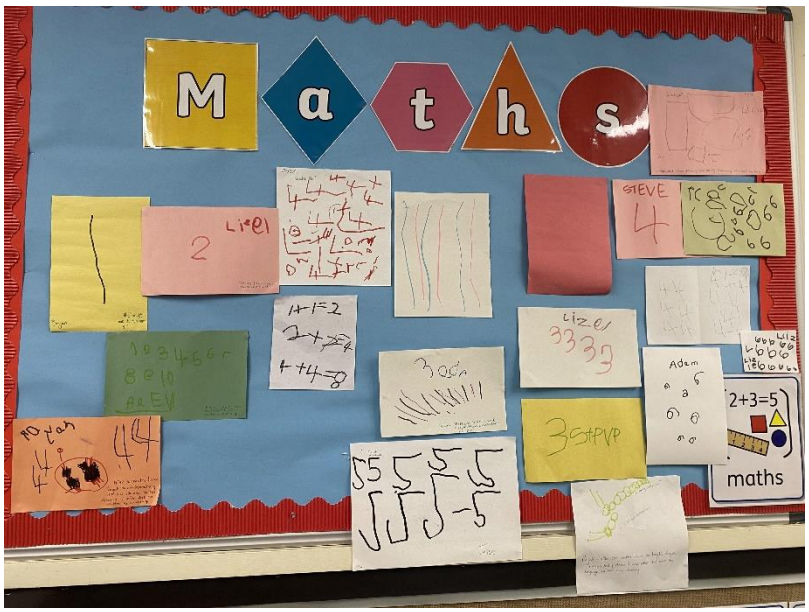
KS1 Year 1 begins the journey of the mastery approach to maths. **Year 1** children have begun to build confidence working with numbers to 20, through developing their counting and calculation skills. They have also gained an understanding of the 2s, 5s and 10 times tables, halves and quarters, began to measure and tell the time and learn about some 2D and 3D shapes. **Year 2** children have been working hard to recognise tens and ones in 2-digit numbers and to use these to order numbers to 100. They have been counting in steps of 2, 3, 5 and 10 and using more than (>), less than (<) and equals (=) symbols to compare numbers.

LKS2 **Year 3** have been finding perimeters of 2D shapes, using the 24-hour clock, recognise angles, and have started to use bar charts. They have also been counting in steps of 4, 8, 50 and 100 and order numbers to 1000. Partitioned numbers into 100s, 10s and 1s, add and subtracted three-digit numbers, and multiplied two-digit by one-digit numbers. **Year 4** is the midway point of KS2 learning. Four key areas have been covered this year: numbers, measurement, geometry and statistics. All Year 4 students have been assessed at the end of the year using the Multiplication Tables Check (MTC) which they have worked super hard on.

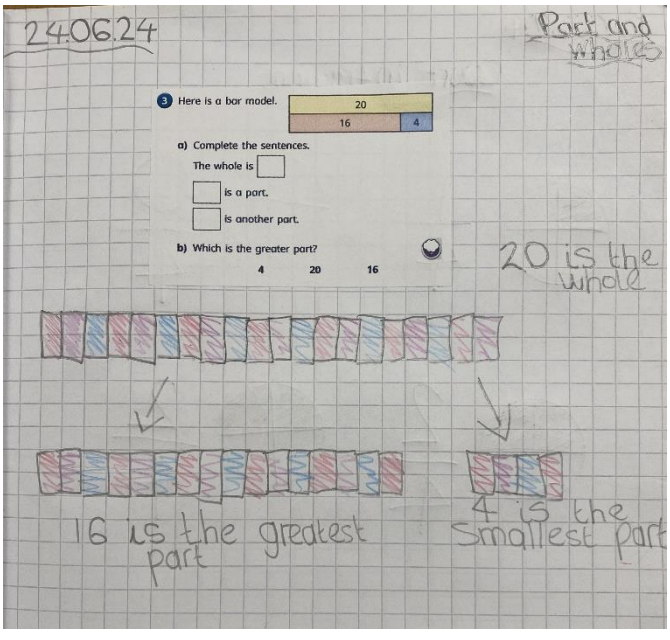
UKS2 **Year 5** children have been learning to: add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction.) Have continued to work with increasingly large numbers and practise solving multi-step problems in context. They have also expanded their knowledge of 2D and 3D shapes and practised converting between different units of measurement. **Year 6** children have worked hard all year on reading, writing, ordering, comparing and rounding numbers up to 10,000,000. They have begun to learn about algebra, ratio and proportion, including: using number lines to add and subtract negative numbers. using simple formulae and following rules such as 2n + 3 to find numbers in a sequence. All this knowledge and hard work has showed in the positive attitude they had towards their maths SATs papers.

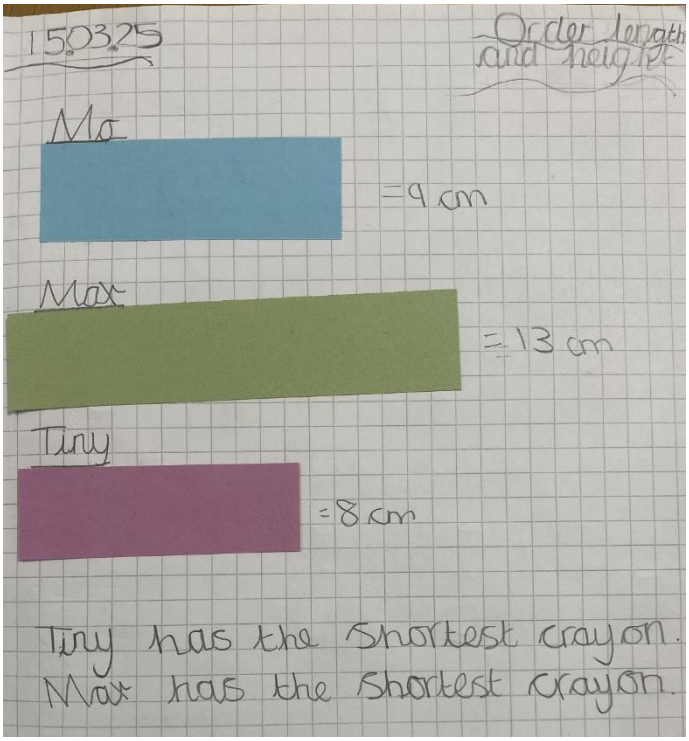
Pupil's Work:

EYFS

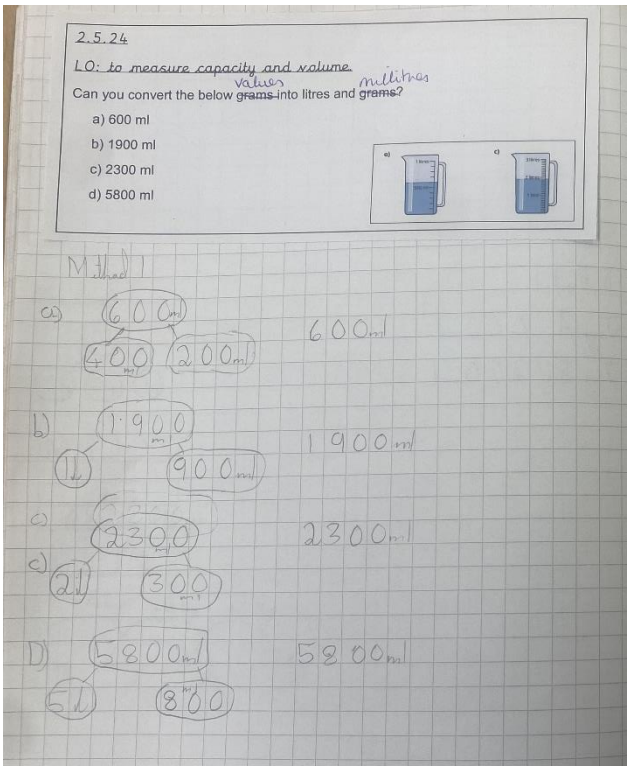


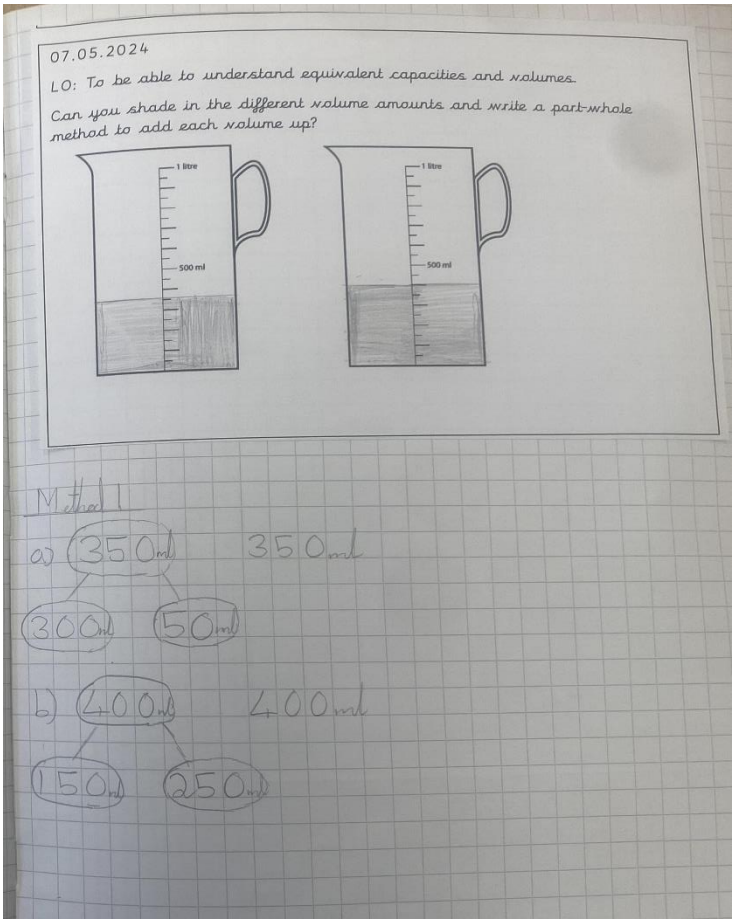
KS1



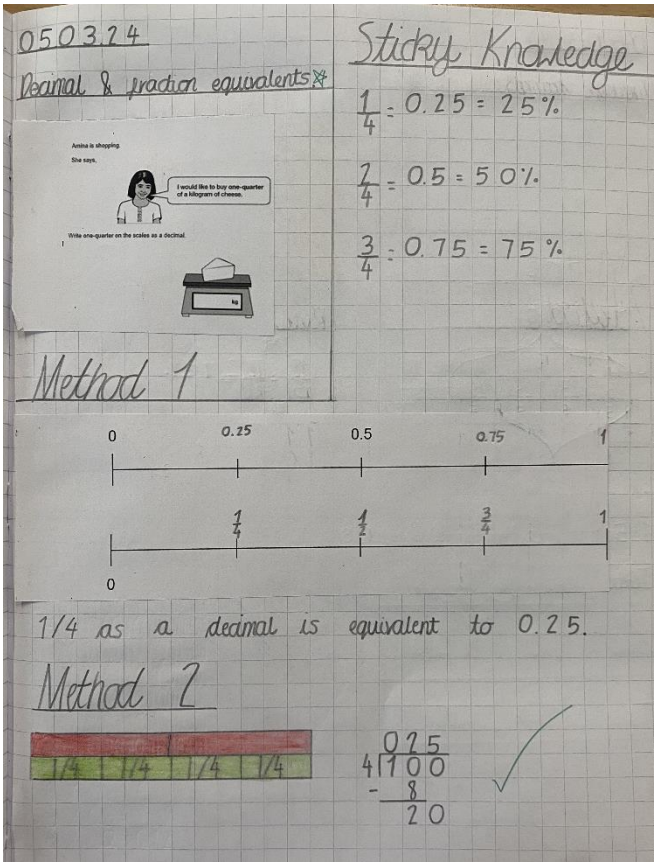


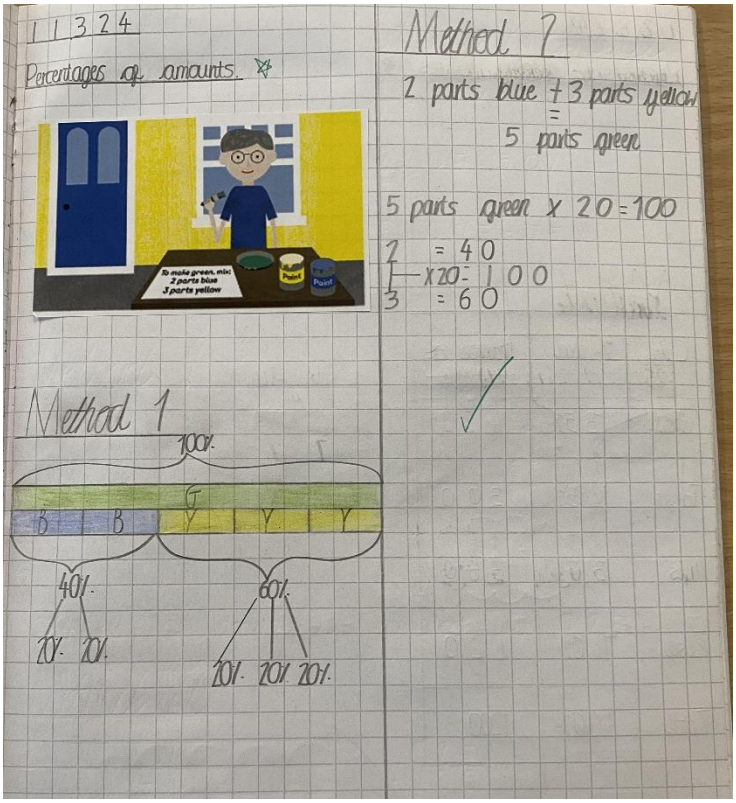
LKS2


2.5.24
LO: to measure capacity and volume.
values
millilitres
Can you convert the below grams into litres and grams?
a) 600 ml
b) 1900 ml
c) 2300 ml
d) 5800 ml
Method 1
600ml
1900ml
2300ml
5800ml


07.05.2024
LO: To be able to understand equivalent capacities and volumes.
Can you shade in the different volume amounts and write a part-whole method to add each volume up?
1 litre
500 ml
Method 1
350ml
400ml

UKS2


05.03.24
Decimal & fraction equivalents
Sticky Knowledge
1/4 = 0.25 = 25%
2/4 = 0.5 = 50%
3/4 = 0.75 = 75%
Amina is shopping.
She says,
I would like to buy one-quarter of a kilogram of cheese.
Write one-quarter on the scales as a decimal.
Method 1
0
0.25
0.5
0.75
1
1/4 as a decimal is equivalent to 0.25.
Method 2
025
4|100
-8
20


11.3.24
Percentages of amounts
To make green, mix:
2 parts blue
3 parts yellow
Method 1
100%
40%
60%
20% 20%
20% 20% 20%
Method 2
2 parts blue + 3 parts yellow = 5 parts green
5 parts green x 20 = 100
2 = 40
x20 = 100
3 = 60

Times Tables Rock Stars Day

On NSPCC Number Day the children transformed into Rock Stars to celebrate our number and times table knowledge!

A.I.M High Days – Newall Green Primary

Years 3 and 4 enjoyed one of our Maths days out at Newall Green in April with Sharon Day. Sharon's Lower Key Stage 2 workshop included geometrical experiences as well as investigating general statements linked to number, with a particular focus on multiplication facts.

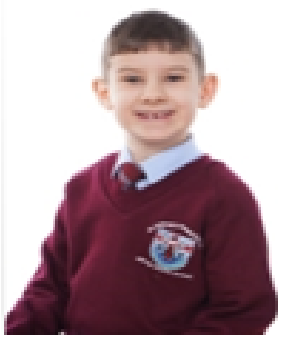
Years 5 and 6 also enjoyed an A.I.M High day back in September with Colin Fieldhouse. The workshop focused on the use of practical and engaging problems, activities and puzzles that extended and refined their skills in mathematical reasoning, language and problem solving.

Pupil Voice

"I enjoy maths lessons and using the tens frames and multilink cubes."

Jack, 3AL

'I love Maths in Mrs Fahy's class. I have really enjoyed journaling our thinking and working in pairs.'



'I have really liked using the workbooks and know what my next steps are.'

Adam, 4AD