

At All Saints' CE Primary School, Newmarket  
We are Children of God. We wear our crowns with pride.

Together we are

Included

Involved

Inspired



This term we held a Maths Week at All Saints'. The theme of the week was mathematics outside and in nature. We considered how although we may not always notice it, maths is part of our daily lives and really is all around us, from a visit to the local shops to cooking at home, from house door numbers to natural patterns in plants, from reading a bus timetable to playing sports. To quote S.Gudder, 'Go down deep enough into anything and you will find mathematics.'

### INCLUDED

We wanted our parents to feel included and be engaged in our maths week, so daily maths tricks, puzzles and challenges that could be completed at home were post on our school Facebook page. Parents were also encouraged to post pictures of maths learning that their children had completed at home and maths that they had noticed whilst they were out and about.



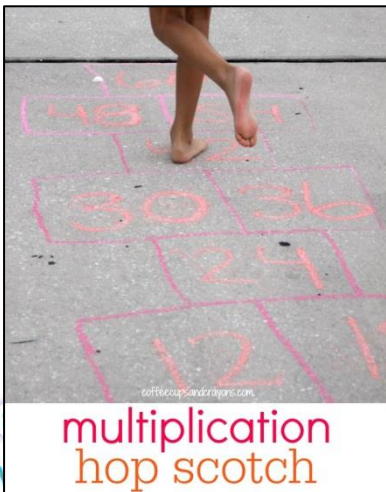
Enjoying a game of Tipping Point!

**Investigation 1**

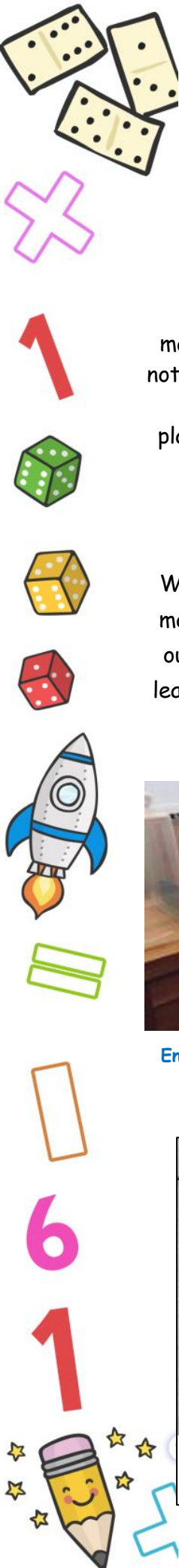
"I can measure the height of a tree by standing at the base of the tree and then walking away from it until I can see the tree when I look up through my legs. The distance I am away from the base of the tree is equivalent to the height.

**Prove it!**

What will you use to measure the distance you are from the tree? How will you know you are accurate?



multiplication hop scotch





# INVOLVED

Throughout the week the all the children were involved in experiencing a variety of maths activities outside the classroom.

Reception class found natural objects around the school grounds and used them to put in size order, create repeating patterns and pictures with symmetry. They also went on a shape hunt around the school grounds and had a go at making shapes with their bodies.

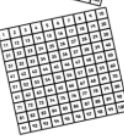
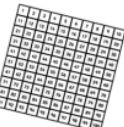
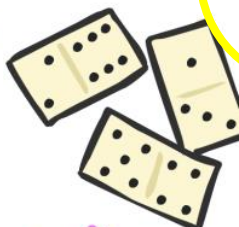
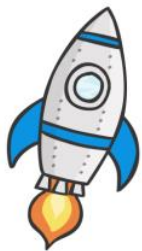
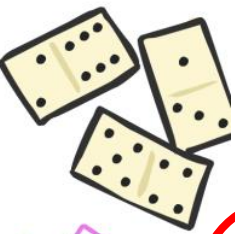


Year 1 combined maths with PE as part of their Maths Week activities. They threw bean bags whilst counting in 10s, timed their skipping and measured distances using metre sticks. They also thoroughly enjoyed solving subtraction problems using the parachute and balls.

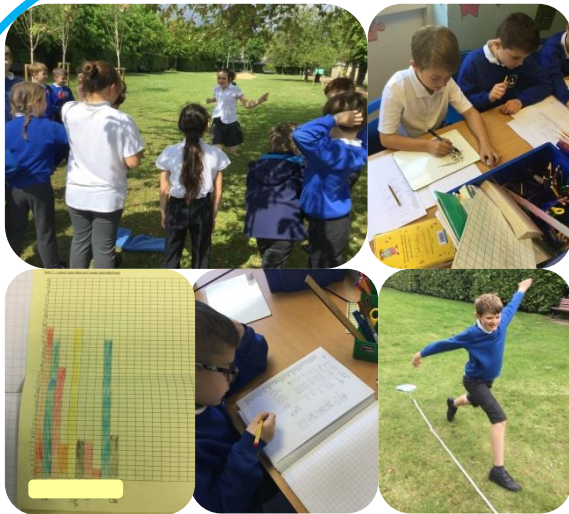


Year 2 practised their measuring skills using metre sticks in the glorious sunshine. The children threw a ball, a quoit and a javelin each; the longest throw was over 1100 cm! Then they ordered their throws from shortest to longest and some children converted their measurements from centimetres into metres and

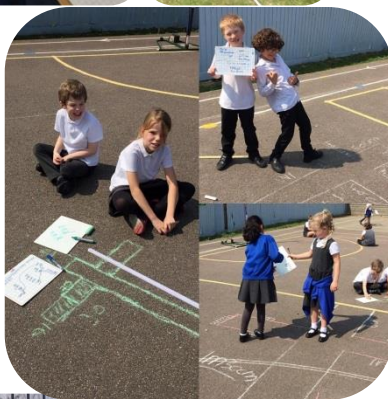
Year 3 had a fun morning getting involved in Maths Week. The children used estimating and measuring skills for capacity, weight, and length. They also used







Year 4 had a very busy Maths Week! They estimated the time it would take to run 100m, then timed each other and worked out differences in class, displaying their answers on a bar graph. They investigated whether boys or girls could shotput the furthest and triple jump the furthest and worked out mean scores to get a result.

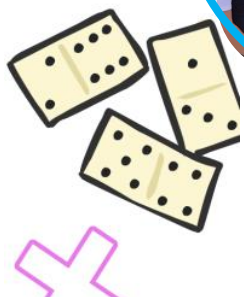


In RE, the children learnt about the symbol of the cross. They then were tasked with designing a cross, drawing it on the playground and calculating its perimeter and area.



Year 4 also combined Walk to School week and Maths Week! The class took a walk to the local car park, where parents are all able to park safely and for free with a permit from the school office. The children calculated that the car park is approximately 400 steps away from the school and it takes less than 4 minutes to walk there! They also did some data handling and worked out that 12 Year 4 children walked to school, whilst 17 came in cars! The class were set the challenge of changing the statistics

As part of Maths Week, the children in Year 5 timed themselves running 25m and used the decimal numbers that they generated to





Year 6 wondered how big our outside space is at school, so they decided to estimate and then measured each section. They then worked together to draw a scaled down version on the school playground using chalk.

#teamwork

#outdoormaths

#awesomekids

## INSPIRE

Thank you to all the staff at All Saints' for the effort and inspiring activities that made our Maths Week so successful. The children definitely appeared to enjoy themselves and hopefully we inspired some of them to notice all the maths that is surrounding them in their everyday lives and encouraged them to engage with some maths learning at home

Dear God,

Can you add more good to my life, subtract more of the bad, multiply all my good experiences, and divide the truths from the false, fact from fiction. Can you help us differentiate between good goals and bad, and help us find the shortest path between a and b. For this, we shall always thankful.

Amen

The biggest **myth** about Maths is that it is something that you either can or **cannot do**. This is definitely not true! Maths is about investigating and discovering. It is about making mistakes.