

Enjoyment in Maths in Splash

We love maths and find it in every activity. Some of these are planned maths activities, but many sprung from children's interests whilst playing in the environment or completing class activities.

1. Working with concrete resources, counting, calculating and checking.



We counted our conkers by collecting 10 each from the bag and counting in tens.



Counting out ingredients in spoons for bramble crumble. All children check to make sure we are correct.

Counting how many butterflies hatched and how many were still to go. Great subtraction from 10 to 1.



Using our five or tens frame for counting helps us to see numbers and subitise. It also helps us with number bonds. Here we were calculating how many conkers our animals could eat, subtracting from 5 down to 1.



Adult led activity exploring number bonds to 5. If 3 teddies come



out of the box, how many are left in. The children continued to play this game all week.

For Friday treat we made ladybird biscuits. We used a dice to find how many spots go on each side then added them together. We had to count carefully to be able to eat the biscuit!

2. Introducing numerals and matching them to quantity.



The boys have put the correct number of pegs on each numeral adding concrete resources to the abstract numbers.

Enjoying exploring the shape and feel of numbers with the playdough.



Ordering numerals and knowing that order never changes and seeing lots of representations of numbers in different ways. This child has numbered pegs to make her hedgehog in the finger gym and has used a number line to order the numbers. Some pupils set themselves the challenge of making a lily pad number line. We added concrete Numicon resources afterwards.



Using concrete resources to understand = or the same as. These were out all week with different challenges and for play.



3.Shape, Space and Measures



Balancing outdoors and inside the classroom. Two children spent two whole outdoor sessions building the 'cargo' for their boat. It collapsed a couple of times and every time they rebuilt it balancing the wood and stones more carefully. Once they had finished it stayed in place for a week!

We used our conkers to weigh objects on a balance. Children recorded their work by drawing the object and the correct number of conkers. Concrete resource to pictorial representation.



Longer and shorter, higher, lower and lots of positional language during our water play.



Building our bird hide involved finding the correct size tarpaulin, looking at area as well as length, working out how many people fitted in and how many bricks matched the height of the poles. Then we made a tally of the birds that came to our bird table.



Children had to find two long and two short sticks, make sure they were the same size, make them into a rectangle shape and fasten them together using lots of language of measurement and position. This child was so proud and took his rectangle home to show his family. All the children made different shapes including circles from our willow!

Early maths is great fun at Ellingham!

