# Maths Newsletter Autumn Term

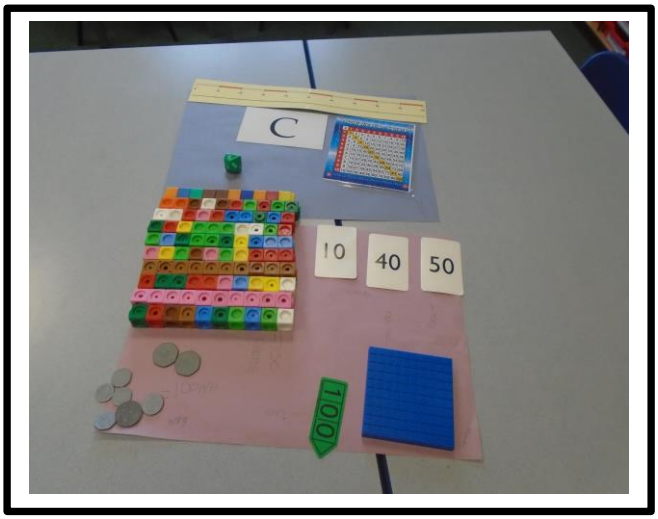
**In Reception** we have been learning how to find one more and one less and addition and subtraction strategies (0-10). We have been identifying 2D shapes and creating a range of different patterns.

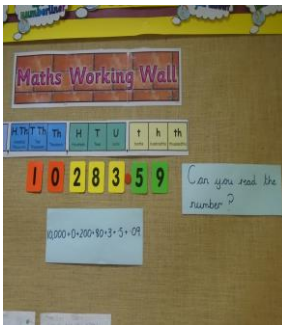
**In Year 1** we have been learning how to count to and across 100, forwards and backwards, beginning with 0 or 1 count. We have been reading and writing numbers to 100 in numerals. We can now identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

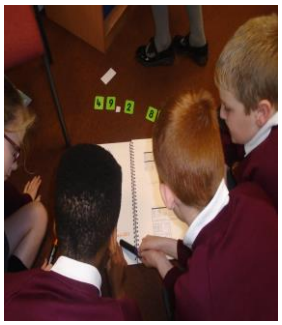
**In Year 2** we can count in tens from any number, forward and backward. We can recognise the place value of each digit in a two-digit number (tens, ones) and use place value and number facts to solve problems. We can solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures.

**In Year 3** we can add and subtract numbers mentally, including a three-digit number and ones, a three-digit number and tens and a three-digit number and hundreds. We can add and subtract numbers with up to three digits and estimate the answer to a calculation and use inverse operations to check. We have been solving problems, including missing number problems, using number facts and place value.

**In Year 4** we count in multiples of 1000 and find 1000 more or less than a given number. We recognise the place value of each digit in a four-digit number . We can order and compare numbers beyond 1000. We have been creating number museums to identify, represent and estimate numbers using different representations.



**In Year 5** we can read and write decimal numbers as fractions [for example, 0.71 = $^{71}/_{100}$] and recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. We can round decimals with two decimal places to the nearest whole number and to one decimal place. We can read, write, order and compare numbers with up to three decimal places. We have been working in our floor books within groups to solve problems involving numbers with decimal places.

**In Year 6** we can perform mental calculations, including with mixed operations and large numbers and use knowledge of the order of operations to carry out calculations involving the four operations. We continue to solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.