

Ideas for home

Talk to your children about counting in groups of 2s 5s and 10s. We call these numbers multiples.

Empty old purses and find 10ps 5ps and 2ps.

Encourage your child to make the same amounts using different coins for example

55p using 5 coins. 55p using 2 coins

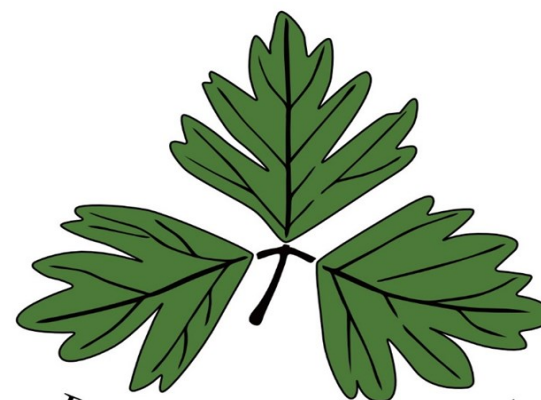
Encourage quick recall of number bonds up to 10 and to multiples of 10 for example if you know that $7 + 3 = 10$ then $17 + 3$ is going to equal 20, $27 + 3$ will be 30 but also $70 + 30$ will be 100 and $700 + 300 = 1000$. We call these related number facts.

Look for numbers in your environment especially in measurement.

Practise telling the time on clock faces as well as digital. Look for numbers around the kitchen and help out with shopping and cooking, reading the prices, weighing the pasta!

Cut up pizzas into halves, quarters and eighths. Show that $\frac{4}{8}$ is the same as $\frac{1}{2}$ a pizza. Eat $\frac{1}{8}$ and see that there is $\frac{7}{8}$ left!

Parents guide to Maths Year 2



Badbury Park Primary

By the end of the year in Maths children are expected to be able to:

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- recognise the place value of each digit in a two-digit number (tens, ones)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100
- read and write numbers to at least 100 in numerals and in words
- use place value and number facts to solve problems.

Addition and Subtraction

- solve problems with addition and subtraction applying their increasing knowledge of mental and written methods
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100

add and subtract numbers using concrete objects, pictorial representations, and mentally, including:

- a two-digit number and ones
- a two-digit number and tens
- two two-digit numbers
- adding three one-digit numbers

Multiplication and Division

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs

Fractions

- recognise, find, name and write fractions $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Measurement

- choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- find different combinations of coins that equal the same amounts of money
- solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- compare and sequence intervals of time
- tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- know the number of minutes in an hour and the number of hours in a day

Properties of Shape

- identify and describe the properties of 2-D shapes, including the number of sides and line of symmetry in a vertical line
- identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces

Position and Direction

- order and arrange combinations of objects in patterns and sequences
- describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles as quarter, half and three-quarter turns.