

Living our learning

Year 1 Expectations in Maths

Throughout the year your child will be working towards these expectations.

Number and Place Value

Count to and across 100 starting from any number

Count, read and write numbers to 100 ; count in multiples of twos, fives and tens

Identify one more or one less than any given number

Show and find numbers on a number line.

Use the language of: equal to, more than, less than (fewer), most, least.

Read and write numbers from 1 to 20 in numerals and words

Addition and Subtraction

Record additions using (+), and equals (=) (horizontally) eg $8 + 2 = 10$

Record subtractions using (-) and equals (=) (horizontally) $10 - 2 = 8$

Know number bonds within 20 eg $9 + 7 = 16$ $16 - 9 = 7$ $7 = 16 - 9$

Add one-digit and two-digit numbers to 20 practically. Use written methods to record (vertically).

See our Written Method Policy on the school website for more information.

$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ + 5 \\ \hline 17 \end{array}$$

Subtract one-digit and two-digit numbers from 20 practically. Use written methods to record (vertically)

$$\begin{array}{r} 14 \\ - 3 \\ \hline 11 \end{array}$$

Solve one-step problems that involve addition and subtraction, and missing number problems such as $7 = ? - 9$

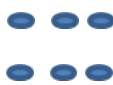
Geometry - Properties of Shape

Name 2-D shapes (triangle, square, rectangle, circle)

Name 3-D shapes (cube, cuboid, sphere, pyramid)

Multiplication and Division

Solve practical multiplication problems using **counters** eg 3 lots of 2

Solve practical multiplication problems using **arrays** 

Solve **one-step problems** involving multiplication eg I have 5 buttons in each hand, how many do I have altogether?

Solve practical division problems involving **sharing into groups** using **counters** (2s, 5s and 10s)

There are 6 sweets and 2 children share them, how many do they each get?

Solve **sharing** and **grouping** problems **by drawing**

Eg I have 10 seeds and 2 pots, I put the same number into each pot, how many seeds are in each pot?

I have 10 seeds and put them into groups of 2, how many groups can I make?

Solve **one-step problems** involving division

Fractions

Understand **halving** as splitting an object, shape or quantity into **two equal parts**.

Find half of a **shape or object**.

Find half of a **quantity practically** eg What is $\frac{1}{2}$ of 10?

Understand **quartering** as splitting an object, shape or quantity into **four equal parts**.

Find quarter of a **shape or object**

Find quarter of a **quantity practically**.

Geometry – Position and Direction

Describe **position, direction and movement**, including whole, half, quarter and three-quarter turns.

Measurement

Compare and describe lengths/heights using **long/short, longer/shorter, tall/short, double/half**.

Solve practical problems for **lengths and heights** eg Write the names of these 5 children in order from shortest to tallest.

Compare and describe mass/weight using **heavy/light, heavier than, lighter than**

Solve practical problems for **mass/weight** eg Which is heavier an apple or a shoe?

Compare and describe capacity/volume using **full/empty, more than, less than, half, half full, quarter**.

Solve practical problems for **capacity and volume** eg Tick the jug that contains the most. Which jug is half full?

Compare and describe time using **quicker, slower, earlier, later**

Measure and begin to record **lengths and heights**

Measure and begin to record **mass/weight**

Measure and begin to record **capacity and volume**

Measure and begin to record **time**

Recognise **1p, 2p and 5p** coins to create amounts **less than £1**.

Know and use **10p and 20p** coins to create values that are multiples of 10p and 20p

Know the **days of the week** and understand the terms **yesterday and tomorrow**. Sequence events including parts of a day.

Know the **months of the year**. Order events across the days of the week and across weeks.

Sequence events in chronological order using language e.g. **before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening**

Tell the time to the **hour and half past** the hour.