

Measure

Convert between different units of measure [for example, kilometre to metre; hour to minute].

Measure and calculate the perimeter and area of a rectilinear figure (including squares).

Read, write and convert time between analogue and digital 12- and 24-hour clocks.

Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Properties of Shape

Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.

Identify acute and obtuse angles and compare and order angles up to two right angles by size.

Identify lines of symmetry in 2-D shapes presented in different orientations.

Position and Direction

Describe positions on a 2-D grid as coordinates in the first quadrant.

Plot specified points and draw sides to complete a given shape.



Ivy Bank Primary School

End of year Maths expectations for

Year 4

This booklet provides information for parents and carers on the end of year maths expectations for children in our school. These expectations are the minimum requirements your child needs to meet if they want to be secure (Y4S) and make continued progress the following year.

Any extra support you can provide in helping your child achieve these targets is greatly valued. On the website there are some ideas on how best to support your child and these will be updated each half term.

If you have any questions regarding the content of this booklet or would like support in knowing how best to help your child, please speak to your child's class teacher.



By the end of Year 4 a child working at the age related expectation should be able to:

Number and Place Value

Count in multiples of 6, 7, 9, 25 and 1000.

Count backwards through zero to include negative numbers.

Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).

Order and compare numbers beyond 1000.

Round any number to the nearest 10, 100 or 1000.

Solve number and practical problems that involve rounding, ordering and exploring negative numbers and with increasingly large positive numbers.

Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.

Addition and Subtraction

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.

Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Statistics

Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Interpret and present data using appropriate graphical methods, including bar charts and time graphs.

Multiplication and Division

Recall multiplication and division facts for multiplication tables up to 12×12 .

Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

Solve problems involving multiplying and adding, including multiplying two digit numbers by one digit, scaling problems and harder correspondence problems such as n objects are connected to m objects.

Fractions

Recognise and show, using diagrams, families of common equivalent fractions.

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

Round decimals with one decimal place to the nearest whole number.

Compare numbers with the same number of decimal places up to two decimal places.

Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.