

Year 3 Mathematics – End of Year Expectations

Place value	<ul style="list-style-type: none"> The pupil can demonstrate an understanding of: <ul style="list-style-type: none"> Place value up to 999 and recognise the value of each digit and find 10 and 100 more and less than any given number Being able to read, write, compare and order numbers up to 1000 in words and numerals Recognising numbers in different representations (E.g. $254 = 2\ 100s, 4\ 10s\ and\ 14\ 1s$)
Addition and subtraction	<ul style="list-style-type: none"> The pupil can add and subtract 1s, 10s and 100s from any 3 digit number The pupil can use formal written methods to add and subtract 3 digit numbers The pupil can solve problems including missing numbers using number facts and place value (E.g. $456 = \underline{\quad} - 30$)
Multiplication and division	<ul style="list-style-type: none"> The pupil can continue to count in multiples 3, 4, 8, 50 and 100 Pupils can use mental strategies progressing to written methods to multiply and divide 2-digit numbers by a 1 digit number using known multiplication facts (E.g. $17 \times 3 = (10 \times 3) + (7 \times 3)$ or $21 \div 3 = 3 \times 7$ therefor $21 \div 3 = 7$) The pupil can solve problems including missing number, positive integer scaling problems and correspondence problems
Fractions	<ul style="list-style-type: none"> The pupil can count up and down in tenths and know that tenths arise from dividing an object or amount in to 10 equal parts The pupil can recognise and use fractions with small denominators and use diagrams to show equivalent fractions with small denominators The pupil can begin to compare, order, add and subtract fractions with the same denominator
Measure	<ul style="list-style-type: none"> The pupil can measure, compare, add and subtract length, mass and capacity using the same measures The pupil can add and subtract amounts of money to give change using both pounds and pence
Perimeter	<ul style="list-style-type: none"> The pupil can measure the perimeter of simple 2D shapes
Time	<ul style="list-style-type: none"> The pupil can tell and write the time to the nearest minute from analogue clock, 12 hour clock and 24 hour clocks The pupil can compare time based on: <ul style="list-style-type: none"> seconds minutes hours The pupil knows the number of seconds in a minute, the number of days in each months, year and leap year The pupil can use vocabulary such as; o'clock, am, pm, morning, afternoon and midnight
Geometry – Shape	<ul style="list-style-type: none"> The pupil can recognise angles as a property of shape The pupil can identify angles which are greater or less than a right angle The pupil can identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Statistics	<ul style="list-style-type: none"> The pupil can interpret and present data using bar charts, pictograms and tables The pupil can solve one and two step problems using information from scaled bar charts, pictograms and tables