

Year 3 Maths

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