

Year 4

Weeks	Autumn Term
1 - 4	<p>Place Value</p> <p>Counting in multiples of 6, 7, 9, 25 and 1000</p> <p>Finding 1000 more and less</p> <p>Counting backwards through 0 to include negative numbers</p> <p>Recognising the place value of each digit in a four-digit number</p> <p>Ordering and comparing numbers beyond 1000</p> <p>Estimating amounts from different representations</p> <p>Rounding to the nearest 10, 100 and 1000</p> <p>Reading Roman numerals to 100 (I to C)</p>
5 - 7	<p>Addition and Subtraction</p> <p>Written column addition and subtraction using numbers of up to four digits</p> <p>Estimating answers</p> <p>Using inverse operations to check answers</p> <p>Solving two-step problems in context – selecting the correct operations</p>
8 - 9	<p>Length and Perimeter</p> <p>Converting between kilometres and metres, centimetres and millimetres</p> <p>Measuring and calculating the perimeter of rectangles, including squares, in centimetres and metres</p> <p>Estimating and comparing lengths</p>
10 – 12	<p>Multiplication and division</p> <p>Recalling multiplication and division facts for multiplication tables up to 12 x 12</p> <p>Using facts to multiply and divide mentally</p> <p>Multiplying 3 numbers together</p> <p>Problem solving</p>
	Spring Term
1 – 3	<p>Multiplication and division</p> <p>Recognising factor pairs and commutativity in mental calculations</p> <p>Using the column method for multiplication</p> <p>Using formal written method for short division</p> <p>Problem solving</p> <p>Distributive law $39 \times 7 = 30 \times 7 + 9 \times 7$</p> <p>Associative law $(2 \times 3) \times 4 = 2 \times (3 \times 4)$</p>
4	<p>Area</p> <p>Find the area of rectangles including squares by counting squares</p>
5 - 8	<p>Fractions</p> <p>Recognising and showing common equivalent fractions</p> <p>Counting in hundredths</p> <p>Recognising that hundredths and made when diving by 100 and dividing tenths by 10</p> <p>Adding and subtracting fractions with the same denominator</p> <p>Recognising decimal equivalents of tenths and hundredths</p> <p>Recognising and writing decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$</p> <p>Dividing by 10 and 100 where the answer will include tenths and hundredths</p> <p>Rounding decimals with 1 decimal place to the nearest whole number</p> <p>Comparing decimal numbers with up to 2 decimal places</p> <p>Solving problems involving money and measure (fractions with up to 2 decimal places)</p>
9 - 11	<p>Decimals</p> <p>Recognising decimal equivalents of tenths and hundredths</p> <p>Recognising and writing decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$</p> <p>Dividing by 10 and 100 where the answer will include tenths and hundredths</p> <p>Rounding decimals with 1 decimal place to the nearest whole number</p>

	Comparing decimal numbers with up to 2 decimal places Solving problems involving money and measure (fractions with up to 2 decimal places)
	Summer Term
1 - 2	Decimals Recognising decimal equivalents of tenths and hundredths Recognising and writing decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ Dividing by 10 and 100 where the answer will include tenths and hundredths Rounding decimals with 1 decimal place to the nearest whole number Comparing decimal numbers with up to 2 decimal places Solving problems involving money and measure (fractions with up to 2 decimal places)
3 - 4	Money Estimating and comparing amounts of money in pounds and pence
5	Time Converting between hours and minutes, minutes and seconds, years and months, weeks and days Reading, writing and converting time between analogue and digital 12- and 24-hour clocks
6 - 7	Statistics Interpreting and presenting discrete and continuous data using bar graphs and time graphs Solving problems involving comparison, sum and difference
8 - 10	Geometry Classifying geometric shapes, including quadrilateral and triangles based on properties Identifying acute and obtuse angles Comparing and ordering angles Identifying lines of symmetry in shapes presented in different orientations Completing symmetrical shapes
11	Position and direction Describing positions on a grid as coordinates Translating shapes Plotting specified points Drawing sides to complete a given polygon