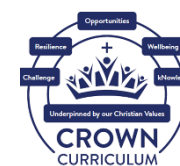




Year 4 Maths long term plan 2023-2024



Autumn term				
Maths meetings: Recap 3x, 4x, 8x tables			Maths meetings: 6x tables	
Autumn	Number: Place Value - Count backwards through zero to include negative numbers - Find 1000 more or less than a given number - Identify, represent and estimate numbers using different representations - Order and compare numbers beyond 1000 - Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) - Round any number to the nearest 10, 100 or 1000 - 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 - estimate and use inverse operations to check answers to a calculation - solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why - Practise mental methods from previous year with increasingly large numbers to aid fluency.	Multiplication and Division - Count in multiples of 6, 7, 9, 25 and 1000 - Count in multiples of 11, 12 - recall multiplication and division facts for multiplication tables up to 12 × 12 - use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers	
Spring term				
Maths meetings: 9x tables			Maths meetings: 7x tables	
Spring	Multiplication and division - 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 - Recognise and use factor pairs and commutativity in mental calculations - Multiply and divide two-digit and three-digit numbers by a	Geometry Properties of shape Geometry Identify acute and obtuse angles and compare and order angles up to two right angles by size	Geometry Properties of shape - Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes - Identify lines of symmetry in 2-D shapes presented in different orientations	Measure Convert between different units of measure [for example, kilometre to metre; hour to minute]

	one-digit number using formal written layout.		Complete a simple symmetric figure with respect to a specific line of symmetry.			
Summer Term						
Maths meetings: 12x tables			Maths meetings: recap all times tables			
Summer	Fractions and Decimals - 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 100 and dividing tenths by 10 - solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number - add and subtract fractions with the same denominator - recognise and write decimal equivalents of any number of tenths or hundreds - recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ - 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 - round decimals with 1 decimal place to the nearest whole number	Measure Money estimate, compare and calculate different measures, including money in pounds and pence	Measure Time - 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	Measure - measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres - find the area of rectilinear shapes by counting squares	Geometry Position and Direction - Describe positions on a 2-D grid as coordinates in the first quadrant - Describe movements between positions as translations of a given unit to the left/right and up/down - Plot specified points and draw sides to complete a given polygon.	Statistics Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

	• compare numbers with the same number of decimal places up to 2 decimal places • solve simple measure and money problems involving fractions and decimals to 2 decimal places • Recognise and show, using diagrams, families of common equivalent fractions. • compare numbers with the same number of decimal places up to 2 decimal places					
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