

Year 6- Yearly Overview

	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10	Wk11	Wk12	Wk13	Wk14
	Daily Arithmetic of 10 questions to start all maths lessons. No longer than 10 minutes to be spent on this.													
Autumn	6.1 Number: Place Value Addition & Subtraction (length and equations)			6.2 Multiplication & Division (with equations)			6.3 Fractions	6.4 Percentages & Geometry (angle and circles) with measurement (time)			6.5 Number: Place Value with measurement (mass, capacity) and all four operations			
	Utilise everyday opportunities to develop fluency with a broad range of arithmetic strategies in the context of the current unit of work. Revise and consolidate key facts for measurement and conversion of units of measure.													
Spring	6.6 Fractions with Ratio and Geometry			6.7 Subtraction & Addition (whole numbers and fractions) with linear sequences			6.8 Statistics	6.9 Algebra and formulae with measurement (volume, capacity, metric and imperial)			6.10 All four operations with statistics (formal and informal methods)		6.11 Geometry with Fractions	
	Utilise everyday opportunities to develop fluency with a broad range of arithmetic strategies in the context of the current unit of work. Revise and consolidate key facts for measurement and conversion of units of measure.													
Summer	6.12 Multiplication & Division with squares, cubes and primes			6.13 Statutory Tests	6.14 Fractions and equivalence	6.15 All four operations (whole numbers and fractions)		6.16 Geometry with Fractions, Ratio & Proportion			6.17 Multiplication & Division (secure formal)		6.18 All four operations with decimals and measure	

FUNDAMENTALS - Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit. - Round any whole number to a required degree of accuracy. - Use negative numbers in context, and calculate intervals across zero. - Solve number and practical problems that involve all of the above. - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context. - Identify common factors, common multiples and prime numbers. - Use their knowledge of the order of operations to carry out calculations involving the four operations.	- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. - Solve problems involving addition, subtraction, multiplication and division. - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. - Compare and order fractions, including fractions > 1 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions - Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$] - Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$] -	- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places - Use written division methods in cases where the answer has up to two decimal places - Solve problems which require answers to be rounded to specified degrees of accuracy - Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places. - Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons. - Describe positions on the full coordinate grid (all four quadrants) - Interpret and construct pie charts and line graphs and use these to solve problems. - Calculate and interpret the mean as an average.
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