

Summer Term 2 – Year 5/6 Maths Overview

Spring Term 2			
Wk	Yr	Strands	Weekly Summary
1	5	Number and place value (NPV); Mental multiplication and division (MMD); Measurement (MEA); Statistics (STA)	Compare and order negative numbers; count back in steps through 0; add and subtract 1, 10, 100, 1000, 10 000 and 100 000 to/from 6-digit numbers; place 6-digit numbers on landmarked lines and empty lines; round 6-digit numbers to the nearest 1000, 10 000, and 100 000
	6	Number and place value (NPV); Written addition and subtraction (WAS); Mental multiplication and division (MMD); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Statistics (STA)	Explore negative numbers and find intervals across 0; carry out column additions and subtractions and estimate answers; solve multi-step problems in context; use all four operations to reason and solve puzzles; explore place value and rounding up to 10 000 000
2	5	Number and place value (NPV); Mental multiplication and division (MMD); Decimals, percentages and their equivalence to fractions (DPE)	Read/write Roman numerals to 1000 (M); recognise years written in Roman numerals; revise two-place decimals and introduce three-place decimals; explore place value in numbers with three decimal places; multiply and divide by 10, 100 and 1000
	6	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Decimals, percentages and their equivalence to fractions (DPE)	Multiply and divide decimals by whole numbers; carry out long and short multiplications; use short division, including dividing by 11 and 12; use long division to divide 3- and 4-digit numbers by 2-digit numbers; explore place value in numbers with three decimal places; multiply and divide by 10, 100 and 1000, including conversion between measures
3	5	Problem solving, reasoning and algebra (PRA); Geometry: properties of shapes (GPS); Geometry: position and direction (GPD)	Measure and draw angles using a protractor; recognise acute, obtuse and reflex angles; know that angles on a straight line add to 180° and that angles around a point add to 360°, and use this to find missing angles; draw polygons to given dimensions and angles
	6	Problem solving, reasoning and algebra (PRA); Geometry: properties of shapes (GPS); Geometry: position and direction (GPD); Measurement (MEA); Statistics (STA)	Construct and interpret bar charts, pie charts and line graphs; investigate area and perimeter; extend and describe linear number sequences; find missing angles round a point, on a straight line, in triangles and that are vertically opposite; revise reflections and translations
4	5	Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Fractions, ratio and proportion (FRP)	Use equivalence to compare and order fractions; add and subtract fractions and mixed numbers with related denominators; revise column subtraction of 5-digit numbers; choose counting up (Frog), counting back or column subtraction
	6	Mental addition and subtraction (MAS); Written addition and subtraction (WAS); Fractions, ratio and proportion (FRP)	Convert improper fractions to mixed numbers; add and subtract fractions and mixed numbers with related denominators; use column subtraction to subtract pairs of 5- and 6-digit numbers; choose counting up (Frog), counting back or column subtraction
5	5	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA)	Find common multiples and common factors; solve problems requiring scaling by simple fractions; recognise and use square numbers and cube numbers; use short division to divide 4-digit numbers by 1-digit numbers, including those that

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			leave a remainder; express remainders as fractions
	6	Number and place value (NPV); Mental multiplication and division (MMD); Written multiplication and division (WMD); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA)	Find common multiples and common factors; solve problems requiring scaling by simple fractions; investigate a general statement; describe and extend sequences; find and use ratios; use a calculator and interpret the display
6	5	Mental addition and subtraction (MAS); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Statistics (STA)	Read timetables using the 24-hour clock; calculate time intervals and find a time a given number of minutes or hours and minutes later; draw and interpret line graphs and read intermediate points; introduce rate and solve problems involving rate
	6	Mental addition and subtraction (MAS); Fractions, ratio and proportion (FRP); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Statistics (STA)	Read timetables using the 24-hour clock; calculate time intervals and find a time a given number of minutes or hours and minutes later; begin to learn how to draw scatter graphs; draw and interpret line graphs and read intermediate points; introduce rate and solve problems involving rate