In their current form, these plans should only be used by schools using all of the following:

- LET Calculation Policy
- LET Mental Maths Lessons
- LET Multiplication Table Lessons
- Number Sense or WR Fluency Bee

If you do not use these resources, these plans could act as exemplar of how you could structure and sequence your MTP to make links, build in small steps and address curriculum enrichment.

	Place Value	Position & Direction	Four Operations	Statistics & Circles	Fractions A	Fractions B	Assessment
	4 weeks	1 week	3 weeks	1 week	3 weeks	2 weeks	1 week
National Curriculum	• 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	• Describe positions on the full coordinate grid (all four quadrants) • Draw and translate simple shapes on the coordinate plane, and reflect them in the axes	• 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 estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy • Multiply multi-digit numbers up to four digits by a 2-digit whole number using the formal written method of long multiplication • Perform mental calculations, including with mixed operations and large numbers • Divide numbers up to four digits by a 2-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context • Divide numbers up to four digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	• Interpret and construct pie charts and line graphs and use these to solve problems • Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs (Year 4) • Calculate and interpret the mean as an average • Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius	• 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 • Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions • Identify common factors, common multiples and prime numbers • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	• Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams (Y5) • Multiply simple pairs of proper fractions, writing the answer in its simplest form • Divide proper fractions by whole numbers	• Test to be made by Maths lead to match what has been taught – do **not** just use WR End of Term Tests • Day 1 do arithmetic test • Day 2 go over and unpick the arithmetic test with loads of discussion – this **must** be given proper time • Days 3 do reasoning test • Day 4 go over and unpick the reasoning test with loads of discussion – this **must** be given proper time
Small Steps	• Represent and know value of digits to 8-digit • Partition numbers to 8-digit • 1, 10, 100, 1000, 10,000, 100,000 more • Compare two numbers using < > = to 8-digit • Order sets of numbers to 8-digit • Round 4-digit numbers to nearest 10, 100, 1000 • Round to nearest 10, 100, 1000 within 8-digit • Round to any digit • Increases and decreases through zero • Differences between numbers including +/-	• Read coordinates in all 4 quadrants then plot in all 4 • Translations and coordinates • Reflections and coordinates	**From Calculation Policy 1ˢᵗ NOT WR & Do CPA lessons** • Add whole numbers beyond 1 million • Subtract whole numbers beyond 1 million • Short multiplication • Long multiplication • Short division • Long division – 3 lessons • Approximation to check • Inverse to check • Order of operations	• Dual bar charts • Line charts • Pie charts • Circles • The mean	**From policy for fraction calculating methods – must be school consistency!** • Square Numbers & Cube Numbers • Prime Numbers • Use common factors to simplify • Use common denominators to express in same denominator • Compare and order fractions • Add fractions • Add mixed numbers • Subtract fractions • Subtract mixed numbers	**From policy for fraction calculating methods – must be school consistency!** • Multiply fractions by integers • Multiply fractions by fractions • Divide a fraction by an integer • Find fractions of amounts	
Enrichment	Block Opener/Assembly on Careers linked to unit	Block Opener/Assembly on Careers linked to unit	Block Opener/Assembly on Careers linked to unit World Statistics Day (20.10.23)	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (16-20.10.23)	Block Opener/Assembly on Careers linked to unit WR Barvember (November)	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (11-15.12.23)	LET Christmas Problems & Puzzles

	Decimals	FDP	Ratio	Algebra	Measures	Area, Perimeter, Volume	Assessment
	2 weeks	2 weeks	2 weeks	2 weeks	1 week	2 weeks	1 week
National Curriculum	• Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places • Solve problems which require answers to be rounded to specified degrees of accuracy • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • Multiply 1-digit numbers with up to 2 decimal places by whole numbers • Use written division methods in cases where the answer has up to 2 decimal places • Solve problems involving addition, subtraction, multiplication and division	• Use common factors to simplify fractions; use common multiples to express fractions in the same denomination • Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts • Compare and order fractions, including fractions >1 • Solve problems involving the calculation of percentages and the use of percentages for comparison	• Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples • Solve problems involving similar shapes where the scale factor is known or can be found	• Use simple formulae • Generate and describe linear number sequences • Find pairs of numbers that satisfy an equation with two unknowns • Enumerate possibilities of combinations of two variables • Express missing number problems algebraically	• Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate • 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 3 decimal places	• Recognise that shapes with the same areas can have different perimeters and vice versa • Recognise when it is possible to use formulae for area and volume of shapes • Calculate the area of parallelograms and triangles • Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm3) and cubic metres (m3), and extending to other units	• Test to be made by Maths lead to match what has been taught – do **not** just use WR End of Term Tests • Day 1 do arithmetic test • Day 2 go over and unpick the arithmetic test with loads of discussion – this **must** be given proper time • Days 3 do reasoning test • Day 4 go over and unpick the reasoning test with loads of discussion – this **must** be given proper time
Small Steps	• Place value to 3dp • Round decimals • Add and subtract decimals • Multiply decimals by 10, 100, 1000 • Divide decimals by 10, 100, 1000 • Multiply decimals by integers • Divide decimals by integers	• Decimal and fraction equivalence • Fractions as decimals • Understand percentages • FDP equivalence • Percentage of amounts – multiples of 10 and half and quarter • Percentage of amounts – multiples of 5	• Simple ratio tables • Ratio problems using ratio tables • Introducing the ratio symbol • Ratio and fractions • Use scale factors • Similar shapes	• 1 and 2 step function machines • Form expressions • substitution • formulae • 1 and 2 step equations • Pairs of values	• Metric measures • Convert between metric measures • Miles & km	• Area and perimeter of rectangles – embedded problems • rectangles with same areas but different perimeters • Area and perimeter of compound shapes – embedded problems • Area of triangles – embedded problems • Area of parallelograms – embedded problems • Volume counting squares – embedded problems • Volume – formula – embedded problems	
Enrichment	Block Opener/Assembly on Careers linked to unit International Puzzle Day (29.01.24)	Block Opener/Assembly on Careers linked to unit NSPCC Number Day (02.02.24) Lingfield Education Trust TTRS Competition (05-09.02.24)	Block Opener/Assembly on Careers linked to unit World Maths Day (23.03.24)	Block Opener/Assembly on Careers linked to unit	Block Opener/Assembly on Careers linked to unit	Block Opener/Assembly on Careers linked to unit Lingfield Education Trust TTRS Competition (11-15.03.24)	LET Easter Problems & Puzzles

	Properties of Shape	Revision	Projects
	2 weeks	2 weeks	7 weeks
National Curriculum	• Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles • Draw given angles, and measure them in degrees (°) (Y5) • Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles (Y5) • Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons • Draw 2-D shapes using given dimensions and angles	SATs Revision	Best Value Profits & Losses Packaging Cooking White Rose Tours White Rose Futures IMEI Calculator project ready for Y7
Small Steps	• Measure and classify angles using a protractor • More measuring angles • Calculate angles in a triangle • Calculate angles in a quadrilateral • Draw shapes • Make nets		
Enrichment	Block Opener/Assembly on Careers linked to unit National Numeracy Day (15.05.24)	Lingfield Education Trust TTRS Competition Women in Maths Day (12.05.24) Lingfield Education Trust TTRS Competition (20-24.05.24) Allow you pupils practice on the maths orienteering course this term ready for the competition next term.	My Money Week (12-16/6/24) My Money Week (12-16.06.24) Alan Turing Day (23.06.24) Lingfield Education Trust TTRS Competition (01-05.07.24) MP Maths Orienteering Competition for all year groups (01-05.07.24) Lingfield Education Trust maths Challenge (12.07.24)