



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
<b>Aut</b>	Place Value				Addition and Subtraction			Area	Multiplication and Division A			Consolidation	Consolidation	Assessment Week
<b>Spr</b>	Multiplication and Division B			Length and Perimeter		Fractions			Decimals A			Consolidation		
<b>Sum</b>	Decimals B		Money		Time		Consolidation	Shape		Statistics	Position and Direction		Consolidation	

**Autumn Term: Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

	Autumn 1							Autumn 2						
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Place Value				Addition and Subtraction			Area	Multiplication and Division A			Consolidation	Consolidation	Assessment Week
<b>Small Steps (WRM)</b>	Represent numbers to 1,000 Partition numbers to 1,000 Number line to 1,000 Thousands	Represent numbers to 10,000 Partition numbers to 10,000 Flexible partitioning of numbers to 10,000 Find 1, 10, 100, 1,000 more or less	Number line to 10,000 Estimate a number line to 10,000 Compare numbers to 10,000 Order numbers to 10,000 Roman numerals	Round to the nearest 10 Round to the nearest 100 Round to the nearest 1,000 Round to the nearest 10, 100 or 1,000	Add and subtract 1s, 10s, 100s and 1,000s Add up to two 4-digit numbers – no exchange Add two 4-digit numbers – one exchange	Add two 4-digit numbers – more than one exchange Efficient subtraction Subtract two 4-digit numbers – no exchange Subtract two 4-digit numbers - one exchange	Subtract two 4-digit numbers – more than one exchange Efficient subtraction Estimate answers Checking strategies	What is area? Count squares Make shapes Compare areas	Multiples of 3 Multiply and divide by 6 Times table and division facts Multiply and divide by 9	9 times table and division facts The 3, 6 and 9 times tables Multiply and divide by 7 7-times table and division facts	11-times table and division facts 12 times table and division facts Multiply by 1 and 0 Divide a number by 1 and itself Multiply three numbers			
<b>Supporting Resources</b>	NCETM Spine: 1.17 (count in 25s), 1.22, 1.27 (negative numbers)				NCETM Spine: 1.22 (TP 3 add sub 1s,10s,100s,1000s and TP5). Refer back to 1.20 and 1.21 for introducing written methods.			NCETM Spine: 2.16	NCETM Spine: 2.6 (TP5 for $x \div 0$ and 1), 2.8 (6x and 9x), 2.9 (7x), 2.13 ( $x \div 10,100$ )					
<b>Vocab</b>	Digit, tens, ones, hundreds, thousands, ten thousands, regrouping, compose, decompose, place holder, ascending, descending				Addition, add, sum, plus, addend, commutative, associative, carry over, exchange, subtrahend, minuend, difference, minus, take away, column subtraction / addition			Area, square centimetre, estimate, partition, comparison	Multiply, product, factor, array, time, repeated addition, commutative, associative, distributive, divide, quotient dividend, divisor, remainder, equal group					



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<b>Aut</b>	Place Value				Addition and Subtraction			Area	Multiplication and Division A			Consolidation	Consolidation	Assessment Week
<b>Spr</b>	Multiplication and Division B			Length and Perimeter		Fractions			Decimals A			Consolidation		
<b>Sum</b>	Decimals B		Money		Time		Consolidation	Shape		Statistics	Position and Direction		Consolidation	

**Spring Term: Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

	Spring 1							Spring 2						
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Multiplication and Division B			Length and Perimeter		Fractions			Decimals A			Consolidation	Assessment Week	
<b>Small Steps (WRM)</b>	Factor pairs Use of factor pairs Multiply by 10 Multiply by 100 Divide by 10	Divide by 100 Related facts Informal written methods for multiplication Multiply a 2-digit number by a 1-digit number Multiply a 3-digit number by a 1-digit number	Divide a 2-digit number by a 1-digit number (1) Divide a 2-digit number by a 1-digit number (2) Divide a 3-digit number by a 1-digit number Correspondence problems Efficient multiplication	Measure in Km an m Equivalent lengths (Km & m) Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes	Find missing lengths in rectilinear shapes Calculate the perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons	Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers	Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers	Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers	Subtract two fractions Subtract from whole amounts Subtract from mixed numbers	Tenths as fractions Tenths as decimals Tenths on a place value chart	Tenths on a number line Divide a 1-digit number by 10 Divide a 2-digit number by 10 Hundredths as fractions	Hundredths as decimals Hundredths on a place value chart Divide a 1- or 2-digit number by 100		
<b>Supporting Resources</b>	NCETM Spine: 2.10 (factor pairs), 2.11 (11x, 12x & efficient mult), 2.14 (multiplication) 2.15 (division) 2.12 (remainders)			NCETM Spine: 2.16		NCETM Spine: May need to visit 3.0 (KS1 fractions) & Year 3 for intro. 3.4 (add and sub fractions) 3.7 (equiv - TP1 & TP2), 3.5 (be selective - show more than one whole in fractions, count on & back past 1, add & sub)			NCETM Spine: (Revisit 2.13 for ÷ 10 and 100), 1.23 (tenths, hundredths), 1.24 (mainly TP 1 and some of TP2)					
<b>Vocab</b>	Multiply, product, factor, array, time, repeated addition, commutative, associative, distributive, divide, quotient dividend, divisor, remainder, equal group			Length, width, height, distance, mm, cm, m, km, unit, estimate, metric, side, edge, rectangle, square, polygon		Numerator, denominator, unit fraction, equivalent, mixed number, improper fraction, proper fraction, simplify, common denominator, lowest common multiple, whole, part			Decimals, decimal point, place value, tenths, hundredths, thousandths, rounding, equivalent					



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<b>Aut</b>	Place Value				Addition and Subtraction			Area	Multiplication and Division A			Consolidation	Consolidation	Assessment Week
<b>Spr</b>	Multiplication and Division B			Length and Perimeter		Fractions			Decimals A			Consolidation		
<b>Sum</b>	Decimals B		Money		Time		Consolidation	Shape		Statistics	Position and Direction		Consolidation	

**Summer Term: Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

square

	Summer 1							Summer 2						
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Decimals B		Money		Time		Consolidation	Shape		Statistics	Position and Direction		Consolidation	Assessment Week
<b>Small Steps (WRM)</b>	Make a whole with tenths Make a whole with hundredths Partition decimals Flexibly partition decimals	Compare decimals Order decimals Round to the nearest whole number Halves and quarters s decimals	Write money using decimals Convert between pounds and pence Compare amounts with money	Estimate with money Calculate with money Solve problems with money	Years, months, weeks and days Hours, minutes and seconds Convert between analogue and digital time	Convert to the 24-hour clock Convert from the 24 hour clock		Understand angles as turns Identify angles Compare and order angles Triangles	Quadrilaterals Polygons Lines of symmetry Compare a symmetric figure	Interpret charts Comparison, sum and difference Interpret line graphs Draw line graphs	Describe position and direction Plot coordinates Draw 2-D shapes on a grid	Translate on a grid Describe translation on a grid		
<b>Supporting Resources</b>	NCETM Spine: 1.24 (TP2, TP7)		NCETM Spine: 1.22 (TP 4 estimate money) 1.25								NCETM Spine: 1.27 TP 6			
<b>Vocab</b>	Decimals, decimal point, place value, tenths, hundredths, thousandths, rounding, equivalent		Currency, pence, pound, conversion, estimate, decimal		Time, clock, analogue clock, digital clock, hour, minute, second, A.M., P.M., noon, midnight.			Geometry, polygon, triangle, equilateral, isosceles, scalene, right, square, rhombus, parallelogram, trapezium, pentagon, heptagon, hexagon, octagon, circle		Data Survey Category Sample Population Questionnaire	Coordinate Grid X axis Y axis Quadrant			