Year 5 Unit 1 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• x /÷ 10, 100, 1000 • +/- mixed digit	• Short Mult & Short div • Long multiplication calculations	• Multiplying 3 dingle digits	Fraction of amounts	• Multiplying 3 dingle digits	Squared and cubed number calculations.
Main Journey	Read & Write, numbers up to 1 000 000 and determine the value of each digit. (A)	Compare numbers up to 1 000 000 and determine the value of each digit. *Check starting point as this was a gap. See RTP (A1)	Order numbers up to 1, 000 000 and determine the value of each digit. *Check starting point as this was a gap. See RTP (A2)	To perform mental calculations for addition (Compensation/ counting on/ partitioning) *Check starting point as this was a gap. See RTP (D)	Use negative numbers in context and calculate intervals across zero Number lines (F)	Round decimals with 2dp to whole numbers and nearest 1dp (E1)
	Identify the value of each digit in numbers up to 2dp (B)	Compare decimal numbers up to 2dp (B1)	Order decimal numbers mixed decimal place (B2)	Round whole numbers to degree of accuracy *Check starting point as this was a gap. See RTP (E)		Ordering negative numbers including temperature. (F1)
	Identify, name and write equivalent fractions of a given fraction. (C)	Identify, name and write equivalent fractions of a given fraction. (represented visually including tenths and hundredths) (C1)	Order fractions including greater than 1 *Year 6 objective* (C2)		To perform mental calculations for multiplication including finding all factors pairs of a number and common factors of two numbers. *Check starting point as this was a gap. See RTP (D1)	

Year 5 Unit 2 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• Finding fractions of amounts • x /÷ 10, 100, 1000	Using common multiples to express fractions in the same denomination	• Adding fractions • Subtracting fractions	Adding and subtracting mixed numbers and fractions	• Multiplying mixed numbers • Multiplying fractions	• Dividing fractions • Multiplying mixed numbers
Main Journey	Multiply and divide numbers mentally drawing upon known facts. *Check starting point as this was a gap. See RTP (D2)	Solve addition and subtraction multistep problems in contexts, deciding which operations to use and why Worked Examples/ (G2)	To multiply and divide b y 10, 100 and 1,000 giving answers up to three decimal places. (I)	Add and subtract fractions with different denominators (H1)	Solve addition and subtraction multistep problems in contexts, deciding which operations to use and why Independent (Y5 Level SATs Examples - Test base filter Y5 and below) (G3)	Short multiplication calculations (ThHTU x U) *Check starting point as this was a gap. See RTP (J)
	To solve addition and subtraction calculations including carrying up including.six digits and mixed digits (G)		Solve addition and subtraction multistep problems in contexts, deciding which operations to use and why Independent (G3)	Use, read , write and cover between standard units of measure. Linked to multiplying and dividing by 10,100/1,00 (I1)		Identify, name and write equivalent fractions of a given fraction. (represented visually including tenths and hundredths) (C1)
	To use the inverse to check calculations. (G)	Add and subtract fractions with the same denominator. (H)			Multiply proper fractions and mixed numbers by whole numbers (H2)	

Year 5 Unit 3 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• Finding fraction of amounts	• Long Mult	• Brackets • Multiplying 3 dingle digits	• Adding fractions • Subtracting fractions (Include mixed numbers)	• Multiplying mixed numbers • Dividing fractions (Include mixed numbers)	• Squared numbers and cubed numbers • Brackets
Main Journey	Recognise the percent symbol and understand that percent relates to number of parts per 100. (L)	Solve whole number division problems involving short division, if required expressing remainder as a number, fraction or rounding depending on context (Worked Examples/ closed) (K1)	Use, read , write and cover between standard units of measure. (P)	To know the fraction, decimal percentages equivalents for 1/2, 1/3, 1/4, 1/5, 1/10, 1/100 And write percentages as a fraction with denominator 100 and as a decimal (L1)	Can recall all prime numbers under 20 and work out those under 100. Can work out common factors and multiples for/ of given numbers (Q1)	To solve problems involving the calculation and conversion of units of measure. (Including time, length, mass and money) (Indep) (P2)
	Long multiplication calculations (ThHTU x TU) (J1)	To know the fraction, decimal percentages equivalents for 1/2, 1/3, 1/4, 1/5, 1/10, 1/100 And write percentages as a fraction with denominator 100 and as a decimal (L1)	Solve whole number division problems involving short division, if required expressing remainder as a number, fraction or rounding depending on context Independent (K1)	To solve problems involving calculation and conversion of units of measure. (Including time, length, mass and money) (worked examples/ Cloze) (P1)	To know the fraction, decimal percentages equivalents. (L2)	Can recall all prime numbers under 20 and work out those under 100. Can work out common factors and multiples for/ of given numbers (Q1)

Year 5 Unit 4 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• x/÷ 10, 100, 1000	• Finding fraction of amounts	• Missing number • Long Mult	• Long Division	• Adding & subtracting mixed number fractions	x/÷ decimal numbers x/÷ fractions (Include mixed numbers)
Main Journey	Solve whole number multiplication problems including SAT problems (Worked examples) (J2)	Measure and calculate the perimeter of composite rectilinear shapes in cm and m. (R)	Draw given angles and measure them in degrees. (N1)	Recognise and use square numbers and cubed numbers and the notation for squared and cubed. (Q2)	Can answer problems that involve calculating area including missing number (Worked example/ Cloze) (R2)	Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals. (T)
	Know that angles are measured in degrees: estimate and and compare actute, obtuse and reflex angles. (N)	Solve whole number multiplication problems including SAT problems (Independent) (J3)	Calculate and compare the area of of rectangles (including squares) and including using standard units, square cm2 and square metre m2 (R1)	Identify angles at a point and in one whole turn, angles on a straight line and 1/2 turn total 180 and other multiples of 90. (N2)	To solve long division calculation questions. *Year 6 Objective* (S1)	Can answer problems that involve calculating area including missing number (Indep) (R2)

Year 5 Unit 5 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	Find fraction of amounts	Find percentages of amounts	Missing number calculations (+/-)	Adding and subtracting fractions	Adding and subtracting mixed number fractions	x/÷ decimals
Main Journey	Read and write decimal numbers as fractions (0.71 = 71/100) (U)	Complete, read and interpret information tables. (W)	Solve decimal word problems problems up to 3dp. Worked examples (U1)	Read and answer questions relating to bar graphs and tables (W1)	Solve decimal word problems problems up to 3dp. Independent. (U2)	Read and answer questions relating to line graphs. (W2)
	Use properties of rectangles to deduce related facts and find missing lengths and angles. (V)	Recognise and use square numbers and cubed numbers and the notation for squared and cubed. (Q2)	Use properties rectangles to deduce related facts and find missing lengths and angles. (V1)	Long multiplication calculations (ThHTU x TU) (J1)	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles (V2)	To solve long division calculation questions. *Year 6 Objective* (S1)

Year 5 Unit 6 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	Long division	X 3 single digits	Long multiplications	X/÷ fractions	X/÷ decimals	Find Percentage of amounts
Main Journey	Estimate volume For example using 1cm3 blocks to build cubits including cubes. (X)	Compete, read and interpret times tables. (Z)	Estimate volume and capacity For example using 1cm3 blocks to build cubits including cubes. (X1)	To use the inverse to check calculations. (G)	Follow a reflection or translation using appropriate language and know that the shape has not changed. (O1)	Round whole numbers to degree of accuracy *Check starting point as this was a gap. See RTP (E)
	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles (V3)		Read coordinates in the first quadrant and can identify describe and represent the position of a shape using appropriate language. (O)	Use negative numbers in context and calculate intervals across zero Number lines (F)	Long multiplication calculations (ThHTU x TU) (J1)	To know the fraction, decimal percentages equivalents for 1/2, 1/3, 1/4, 1/5, 1/10, 1/100 And write percentages as a fraction with denominator 100 and as a decimal (L1)