Year 6 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	Long Division Calculations K1	• Multiplying 3 dingle digits • BODMAS	Squared and cubed number calculations.
Main Journey	Read & Write, numbers up to 10 000 000 and determine the value of each digit. (A)	To solve missing number multiplication Grids using the inverse (F4)	To perform mental calculations for multiplication using multiples, factors, near multiples, x 4 x 8, partitioning and using know relationships (F5)	Long multiplication calculations (K)	Long Division Calculations (K1)	To identify equivalent fractions
	Identify the value of each digit in numbers up to 3dp (B)	Compare numbers up to 10 000 000 and determine the value of each digit. (A1)	Order numbers up to 10 000 000 and determine the value of each digit. (A2)	Round whole numbers to degree of accuracy (D)	Round whole numbers to degree of accuracy (D)	To multiply and divide by 10,100 and 1,000 giving answers up to 3dp
		Compare decimal numbers up to 3dp (B1)	Order decimal numbers mixed decimal place (B2)	Round decimal numbers to 1 & 2dp (B2)	To identify equivalent fractions	

Year 6 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 (I1)	• Adding fractions • Subtracting fractions	Adding and subtracting mixed numbers and fractions	• Multiplying mixed numbers • Multiplying fractions	• Dividing fractions • Multiplying mixed numbers
Main Journey	To use common factors to simplify fractions (I)	Use negative numbers in context and calculate intervals across zero (Q)	To solve whole number problems involving all four operations real life context (Worked examples/ backwards fading/ Independent) "Why is that the answer?" (M)	Use negative numbers in context and calculate intervals across zero (Q)	To solve whole number problems involving all four operations real life context (Worked examples/ backwards fading/ Independent) "Why is that the answer?" (M)	Identify common factors, multiples and prime numbers (R)
	To solve undoing question including all four operations (N)	To know the fraction, decimal percentages equivalents. (L)		To complete fraction sequences (O)		To complete fraction sequences (O)

Year 6 Unit 3 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• Finding percentages of amounts	• Long Div • 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	Round whole numbers to degree of accuracy (D)	To solve whole number problems involving all four operations real life context (Worked examples/ backwards fading/ Independent) "Why is that the answer?" (M)	To solve word problems involving finding percentages of numbers. (P)	To multiply and divide decimal numbers by whole numbers (K1)	To solve simple formulae (algebra) (U)	Use, read , write and cover between standard units of measure. (V)
	To solve undoing question including all four operations (N2)			Use, read , write and cover between standard units of measure. (V)	To solve fraction worded problems using the bar model (P)	To calculate the area of parallelograms and triangles using formulas. (U1)

Year 6 Unit 4 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	• x/÷ 10, 100, 1000	• Finding percentages of amounts	• Missing number • Long Mult	• Long Division	• Adding & subtracting mixed number fractions	x/÷ decimal numbers x/÷ fractions (Include mixed numbers)
Main Journey	To solve problems involving the calculation and conversion of units of measure. Including degrees (negative numbers) (worked examples) (V1)	To calculate volume of cubes and cuboids including missing sides. (U2)	To understand what ratio is and represent using the bar model Concrete (T)	Describe positions on a full coordinate grid (W)	To interpret tables and bar charts And answer related questions (X)	Compare and classify shapes based on their properties parallelogram, trapezium, 4 types of triangle, kits, SASO properties s (G1)
		To know the fraction, decimal percentages equivalents. (L)	To understand what ratio is and represent using the bar model Pictorial GET TO WORD PROBLEMS IF YOU CAN (T1)	To solve problems involving the calculation and conversion of units of measure. Including degrees (negative numbers) (V2)	Draw ans translate shapes on a coordinate plane (W1)	Find missing angles in all 4 types of triangle, around a point, on straight lines and quadrilaterals . Goal free effect (I2)

Year 6 Unit 5 Plan 2024/2025						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Arithmetic	Timed Arithmetic (Gap closing)					
Main Journey	Completing reflection s on a coordinate3 grid (W2)	To interpret remainders in the context of the question (worded problems) Worked examples/closed (K2)	To interpret pie charts and answer related questions (X2)	To name the parts of a circle and reason using this information. (Y)	To solve ratio questions Worked examples/closed (T2)	To solve whole number problems involving all four operations real life context (Worked examples/ backwards fading/ Independent) “Why is that the answer?” (M)
	To interpret line charts and answer related questions (X1)	To recognise, describe and build simple 3D shapes including making nets. (Z)	Calculate, estimate and compare the volume of cubes and cuboids using standard units, including cm3, m3 and extending onto other units mm3 and km3 (H2)	To understand what ratio is and represent using the bar model Concrete (T)		

Year 6 Unit 6 Plan 2024/2025						
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Arithmetic						
Main Journey						