

Year 5– Maths 2023-24

Autumn Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half Term	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Daily Fluency, calculation and retrieval practice Flash Back Four – Early work															
Concept:	Place Value Positional, additive and multiplicative Number up to 1 000 000 Comparing, ordering and rounding Rounding Roman Numerals				Addition and subtraction (plus assessment) Mental strategies Addition of three-digit number and four-digit numbers with exchange					Multiplication: Multiples Factors Primes Square numbers Cube numbers	Multiplication Division Multiplication and division of numbers by 10, 100 and 1000		Fractions: Equivalents Conversions Comparing and ordering Addition and subtraction		Consolidation
Representation:	Place value charts Counters number lines				Bar model Part whole Number line Base ten Place value counters					Counters Cubes	Place Value charts Gattegno charts		Fraction walls Fraction files Number lines Bar model Numicon and pegs		

Spring Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half Term	Week 7	Week 8	Week 9	Week 10	Week 11			
Daily Fluency, calculation and retrieval practice Flash Back Four – Early work															
Concept:	Multiplication and Division Inc. assessment window: Expanded multiplication up to 4 digit by 2 digit Short division Efficient methods Inc. problem solving.				Fractions: Fractions of amounts Multiplication of fractions					Decimals and percentages: Decimal fractions Thousandths Comparing and ordering decimals Rounding Percentages – FD Equivalents			Area and Perimeter: Perimeter: rectangles Rectilinear shapes Polygons Area: rectangles and compound shapes)
Representations:	Number lines		Base ten Arrays		Fraction files Fraction walls					Place value Place value counters			Shapes		

	Bar model Numicon and pegs	Place value counters	Numicon and pegs Bar models		Bead strings		
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Summer Week:	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half Term	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Daily Fluency, calculation and retrieval practice Flash Back Four – Early work														
	Statistics Line graphs Interpretation of line graphs Two-way graphs Timetables (Some areas of statistics to be integrated into other areas of the curriculum)	Shape: Classify, estimate, measure, draw and calculate angles Show an understanding of the properties of 2D and 3D shape.	Position and direction: Read and plot coordinates Translation around coordinates Symmetry Reflection on horizontal and vertical lines.	Decimals: Ordering and rounding decimals (carried from spring term)		Decimals: (Inc assessment window) Compliments to 1 Adding decimals with the same and different number of places Decimals sequences Multiplying decimals by 10, 100 and 1000 Dividing decimals by 10, 100 and 1000		Negative numbers: Understanding negative numbers Counting through zero Finding the difference	Conversions of units: Understanding difference units of measure Converting units of length Time Converting time Using timetables	Volume: Understanding Volume	Consolidation			
Representation:		Angle finders Protractors Rulers 2D shapes 3D shapes 3D shape nets	Shape Rulers Maps Playground	Place value Place value counters Bead strings		Place value Place value counters Bead strings		Number lines Counters Beadstrings	Weights Capacity					