



Small Steps mathematics

Expected Teaching in: Year 7		Years 7 and 8	Years 8 and 9	Year 9	Extension only	
Term	Strand	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Autumn 1	N1 - Place Value	Place Value within 10	Place Value and Step-Counting within 100	Place Value to 1000	Rounding, Thousands and Negative Numbers	Rounding, Numbers to 1 million, and Negative Numbers
		Place Value within 20				
Place Value within 50						
Place Value within 100						
	C1 - Addition and Subtraction	Add and Subtract within 10	Add and Subtract within 100	Adding and Subtracting 3-digit Numbers	Adding and Subtracting 4-digit Numbers	Adding and Subtracting Large Numbers, and Checking Methods
		Add and Subtract within 20				
Autumn 2	G1 - Properties of Shapes	Common 2D and 3D Shapes	Shape Properties, Patterns and Line Symmetry	Right Angles, Lines and Further Shape Properties	Angles, Triangles, Quadrilaterals, and Reflective Symmetry	Measuring Angles and 3D Shape Reasoning
	M1 - Measurement	Understanding Length and Height	Using Standard Units to Measure Length and Height	Converting Lengths and Measuring Perimeter	Kilometres and Perimeter of Rectilinear Shapes	Perimeter and Area of Composite and Irregular Shapes
Understanding Weight and Volume		Using Standard Units to Measure Mass, Capacity and Temperature	Measuring, Adding and Subtracting Mass and Capacity	Area by Counting Squares		
Spring 1	C2 - Multiplication and Division	Step Counting and Making Equal Groups	Multiplication within the 2, 5 and 10 times tables	Multiply and Divide by 3, 4 and 8	Multiply and Divide by 6, 7 and 9	Multiply and Divide up to 4 digits
			Division within the 2, 5 and 10 times tables	Multiply and Divide 2 digits by 1 digit	Multiple-digit Multiplication and Division	Special Numbers and Powers of 10
	C3 - Fractions, Decimals and Percentages (A)	Halves and Quarters	Halves, Thirds and Quarters	Fractions of an Amount and Tenths	Equivalence and Calculating with Fractions	
Spring 2	C3 - Fractions, Decimals and Percentages (B)	*Consolidate N1 and C1 Skills	* Consolidate N1 and C1 Skills	Equivalent Fractions, Comparing and Calculating	Tenths and Hundredths	Thousandths and Equivalent Fractions, Decimals and Percentages
					Compare, Order and Round Decimals	Calculating with Decimals
	M2 - Money	Understanding Money and Counting Pence	Working with Pounds or Pence	Converting between Pounds and Pence	Ordering, Estimating and Calculating with Money	*Continue with C3 (no new money-specific objectives)
	Summer 1	G2 - Position and Direction	Describing Position and Turns	Movement, Turns and Patterns	*Consolidate Stage 2 and begin Stage 4 if appropriate	First Quadrant Coordinates and Translations
M3 - Time		Days, Months, Hours and Half an Hour	Time to the nearest 5 minutes and Simple Conversion	Time to the nearest minute and Durations of Events	Converting Time	Converting Time and Using Timetables
Summer 2	S1 - Statistics	*Consolidate G1 and M1 Skills	Tally Charts, Pictograms and Block Diagrams	Pictograms, Bar Charts and Tables	Discrete and Continuous Data	Line Graphs and Tables
	Catch Up, Consolidation and Problem-Solving					

KS3 Teaching (Years 7, 8 and 9)

Please note that these timings are approximate and will be adapted to suits the needs of the class and/or individual student as necessary.