Bowman Academy – Maths – Long Term Plan

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Semi-Formal	Match, sort and compare Talk about measure and patterns	Shapes with 4 sides 1,2,3,4,5	Alive in 5 Mass and Capacity Growing 6,7,8	Growing 6,7,8 Length height and time Building 9 and 10	Explore 3D shapes To 20 and beyond Manipulate compose and decompose	Sharing and grouping Visualize, build and map
Step 1	Place Value / Addition and Subtraction	Place Value / Addition & Subtraction / Geometry	Place Value / Addition & Subtraction / Measure	Mass & Volume / Multiplication and Division	Multiplication & Division / Fractions / Geometry	Place Value / Money / Time
Step 2	Place Value / Addition & Subtraction	Addition & Subtraction / Shape / Money	Multiplication and Division / Length and Height	Mass, Capacity & Temperature / Fractions	Fractions / Time	Statistics / Position and Direction
Step 3	Place Value / Addition and Subtraction	Four Operations	Four Operations / Length & Perimeter / Fractions	Fractions / Mass and Capacity	Fractions / Money / Time	Time / Shape / Statistics
Step 4	Place Value / Addition and Subtraction	Area / Multiplication and Division	Length and Perimeter / Fractions	Decimals	Money / Time	Shape / Statistics / Position and Direction
Step 5	Place Value / Four Operations	Multiplication and Division / Fractions	Multiplication and Division / Fractions, Decimals and Percentages	Perimeter and Area / Statistics	Shape / Position and Directions / Decimals	Decimals / Negative Numbers / Converting Units / Volume
Step 6	Place Value / Four Operations	Fractions / Converting Units	Ratio / Algebra / Decimals	Fractions, Decimals & Percentages / Area, Perimeter and Volume	Statistics	Shape / Position and Direction
Step 7	Algebraic Thinking / Place Value and Proportion	Place Value and Proportion / Applications of Number	Applications of Number / Directed Number	Directed Number / Fractional Thinking	Lines and Angles	Reasoning with Number
Step 8	Proportional Reasoning / Representations	Representations / Algebraic Techniques	Algebraic Techniques / Developing Number	Developing Number / Developing Geometry	Developing Geometry	Reasoning with Data
Step 9	Reasoning with Algebra	Constructing in 2 and 3 Dimensions / Reasoning with Number	Reasoning with Number / Reasoning with Geometry	Reasoning with Geometry	Reasoning with Proportion	Representations / Statistics

Year 10 and 11 Pathways						
Entry Level 1	Place value and number	Calculations – The Four Operations	Shape Geometry	Number	Measures Mensuration	Statistics Probability
Functional Skills Level 1 and 2	Similarity	Developing Algebra and Geometry	Geometry and Proportion	Proportion	Delving into Data / Using Number	Using Number / Expressions
Step 10 GCSE	Place value and number	Calculations – The Four Operations	Shape Geometry	Number	Measures Mensuration	Statistics Probability
Step 11 GCSE	Graphs	Algebra and Reasoning	Revision and Communication	Revision and Communication	Exams	N/A

Planning adapted from White Rose Science (Step 1-6) Active Learn by Pearson (Step 7-9)