



Rationale for maths:

At Springhill, maths is taught according to the White Rose scheme.

We teach it this way because the White Rose maths scheme is clear and comprehensive; it provides detailed small steps; it focuses on fluency, reasoning and problem solving; and it gives children the skills they need to become competent mathematicians.

White Rose maths covers all aspects of the national curriculum and provides pedagogic advice for teachers

We go beyond the national curriculum by continually revisiting skills and concepts as well as interleaving and linking different areas of maths (e.g. linking perimeter to addition / subtraction). We also prioritise key number skills such as number bonds and times tables.

LTP	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Match, sort and compare Measure and pattern 1, 2, 3 One more, one less (1-3) Ordinal numbers	Place Value (within 10) Addition and Subtraction (within 10)	Place Value (numbers to 100 and beyond) Addition and Subtraction	Place Value (numbers to 1,000) Addition and Subtraction Times tables (2, 5, 10, 3, 4, 8)	Place Value (numbers to 10,000) Addition and Subtraction	Place Value (numbers to 1,000,000) Negative Numbers Addition and Subtraction	Place Value (numbers to 10,000,000) Addition, Subtraction, Multiplication and Division
Autumn 2	Circles and triangles Represent numbers to 5 One more, one less (1-5) Shapes with 4 sides Time	Addition and Subtraction (within 10) Shape	Addition and Subtraction Shape Money	Addition and Subtraction Multiplication and Division Times tables (6, 9, 11, 12, 7)	Addition and Subtraction Area Multiplication and Division	Multiplication and Division Fractions	Fractions Converting Units Ratio Algebra
Spring 1	Numbers 5-10 Addition and subtraction Mass and capacity Pattern	Place Value (within 20) Addition and Subtraction (within 20)	Multiplication and Division Statistics	Multiplication and Division Length and Perimeter	Multiplication and Division Length and Perimeter Fractions	Multiplication and Division Fractions	Decimals Fractions, Decimals, Percentages Area, Perimeter and Volume
Spring 2	Building 6, 7, 8 Explore 3D shapes Length and height	Place Value (within 50) Length and Height Mass and Volume	Length and Height Mass, Capacity and Temperature Fractions	Fractions Mass and Capacity	Fractions Decimals	Decimals and Percentages Perimeter and Area Statistics	Statistics Shape Position and Direction <i>Consolidation and retrieval practice</i>
Summer 1	Building 9 and 10 Numbers to 20 and beyond Manipulate, compose and decompose	Multiplication and Division Fractions	Fractions Time Position and Direction <i>Consolidation and retrieval practice</i>	Fractions Money	Decimals Money Time	Shape Position and Direction	<i>Themed projects, consolidation and problem solving</i>
Summer 2	Sharing and grouping Doubles Capacity Make connections	Position and Direction Place Value (within 100) Money Time	Times tables (2, 5, 10, 3) <i>Consolidation and retrieval practice</i>	Time Shape Statistics	Shape Statistics Position and Direction	Decimals Converting Units Volume	<i>Themed projects, consolidation and problem solving</i>