

Ravenshall Progression Framework – Maths



Curriculum Themes

We follow a four-year curriculum cycle. Each topic theme falls under a termly category

- Autumn – Me and My World
- Spring – The Wider World
- Summer – Action and Adventure

The curriculum theme titles are listed in the table below. Teachers use the subject framework to inform the learning intent for their individual classes in the form of medium-term plans. These frameworks ensure that there is a clear progression in skills and knowledge for each subject area.

Autumn - Me and My World	Spring - The Wider World	Summer - Action and Adventure
Year 1		
<i>All About Me</i>	<i>Come Fly with Me</i>	<i>Pirates</i>
Year 2		
<i>Help is at Hand</i>	<i>Going Wild</i>	<i>Time Travel</i>
Year 3		
<i>Unity in the Community</i>	<i>Global Warning</i>	<i>To Infinity and Beyond</i>
Year 4		
<i>Law and Order</i>	<i>Under the Sea</i>	<i>Superheroes</i>

The Mathematics curriculum is broken down into the following key areas:

- Number
- Geometry and Measure
- Statistics

When deciding on their termly learning intent, teachers should ensure that there are opportunities for pupils to learn and progress in all areas and this should be clearly referenced in medium term plans.

Stage 1	Stage 2			Stage 3			Stage 4			Stage 5			Stage 6			Stage 7		
Building	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
Number	Number: Place Value																	
B/NUM1 - Skills for Counting	PV/C1 - Understanding Numbers to 10			PV/C4 - Introducing Numbers to 100			PV/C7 - Introducing Numbers to 1000			PV/C10 - Introducing Numbers to 10,000			PV/C13 - Understanding Numbers to 100,000			PV/C16 - Introducing Numbers to 10,000,000		
B/NUM2 - Securing the Stable-Order Principle	PV/C2 - Understanding Numbers to 20			PV/C5 - Embedding Numbers to 100			PV/C8 - Embedding Numbers to 1000			PV/C11 - Embedding Numbers to 10,000			PV/C14 - Introducing Numbers to 1,000,000			PV/C17 - Embedding Numbers to 10,000,000		
	PV/C3 - Understanding Numbers to 50			PV/C6 - Mastering Numbers to 100			PV/C9 - Mastering Numbers to 1000			PV/C12 - Mastering Numbers to 10,000			PV/C15 - Mastering Numbers to 1,000,000			PV/C18 - Mastering Numbers to 10,000,000		
	Number: Addition and Subtraction																	
B/NUM3 - Reading Numerals	A&S/C1 - Introducing Addition & Subtraction			A&S/C4 - Introducing A&S with 2-Digit Numbers			A&S/C7 - Introducing A&S with 3-Digit Numbers			A&S/C10 - Introducing A&S with 4-Digit Numbers			A&S/C13 - Introducing A&S with 5-Digit Numbers			A&S/C16 - Introducing A&S with Very Big Numbers		
B/NUM4 - Numeral Formation	A&S/C2 - Addition & Subtraction Within 10			A&S/C5 - Embedding A&S with 2-Digit Numbers			A&S/C8 - Embedding A&S with 3-Digit Numbers			A&S/C11 - Embedding A&S with 4-Digit Numbers			A&S/C14 - Embedding A&S with 5-Digit Numbers			A&S/C17 - Embedding A&S with Very Big Numbers		
B/NUM5 - Identifying the Cardinal Value	A&S/C3 - Addition & Subtraction Within 20			A&S/C6 - Mastering A&S with 2-Digit Numbers			A&S/C9 - Mastering A&S with 3-Digit Numbers			A&S/C12 - Mastering A&S with 4-Digit Numbers			A&S/C15 - Mastering A&S with 5-Digit Numbers			A&S/C18 - Mastering A&S with Very Big Numbers		
	Number: Multiplication and Division																	
B/NUM6 - Understanding 'Numerousness'	M&D/C1 - Part & Whole			M&D/C4 - Introducing Doubles & Halves			M&D/C7 - M&D Facts 'x2' 'x3' 'x5' 'x10'			M&D/C10 - Mastering M&D with 2-Digit Numbers			M&D/C13 - Introducing M&D with 4-Digit Numbers			M&D/C16 - Introducing Division by a 2-Digit Number		
B/NUM7 - Selecting Objects from a Set	M&D/C2 - Making Equal Groups			M&D/C5 - Introducing Times & Divide			M&D/C8 - M&D 'x2' 'x3' 'x4' 'x5' 'x8' 'x10'			M&D/C11 - Introducing M&D with 3-Digit Numbers			M&D/C14 - Embedding M&D with 4-Digit Numbers			M&D/C17 - Embedding Division by a 2-Digit Number		
B/NUM8 - Quantity Concepts	M&D/C3 - Introducing Repeated Addition			M&D/C6 - Multiplication & Division Facts 'x2' 'x5' 'x10'			M&D/C9 - Introducing M&D with 2-Digit Numbers			M&D/C12 - Embedding M&D with 3-Digit Numbers			M&D/C15 - Mastering M&D with 4-Digit Numbers			M&D/C18 - Mastering Division by a 2-Digit Number		
	Number: Fractions, Decimals and Percentages																	
	FDP/C1 - Part & Whole			FDP/C4 - Introducing Fractional Notation			FDP/C7 - Introducing Tenths as Fractions			FDP/C10 - Introducing Hundredths as Fractions			FDP/C13 - Introducing Mixed Numbers			FDP/C16 - Embedding Percentages		
	FDP/C2 - Introducing Half			FDP/C5 - Introducing Thirds			FDP/C8 - Connecting Fractions & Division			FDP/C11 - Introducing Hundredths as Decimals			FDP/C14 - Introducing Thousandths			FDP/C17 - Mastering Percentages		
	FDP/C3 - Introducing Quarters			FDP/C6 - Introducing Non-Unit Fractions			FDP/C9 - Introducing Tenths as Decimals			FDP/C12 - Links between Fractions & Decimals			FDP/C15 - Introducing Percentages			FDP/C18 - Mastering FDP		

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Building	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
Geometry & Measure	Geometry & Measure: Time																	
B/G&M1 - Spatial Awareness	T/C1 - Everyday Time Concepts			T/C4 - Calculating the Passing of Time in Hours			T/C7 - Telling the Time at Five Minute Intervals			T/C10 - Using AM and PM			T/C13 - Introducing Conversion Between Units of Time			T/C16 - Introducing Travel Timetables		
B/G&M2 - Size Concepts	T/C2 - Introducing O'clock			T/C5 - Telling the Time - Quarter Hour Intervals			T/C8 - Passing of Time in Five Minute Intervals			T/C11 - Introducing the 24-Hour Digital Clock			T/C14 - Embedding Conversion Between Units of Time			T/C17 - Embedding Travel Timetables		
B/G&M3 - Mass Concepts	T/C3 - Introducing Half Past			T/C6 - Passing of Time in Quarter Hour Intervals			T/C9 - Telling the Time at One Minute Intervals			T/C12 - Passing of Time in One Minute Intervals			T/C15 - Mastering Conversion Between Units of Time			T/C18 - Mastering Travel Timetables		
	Geometry & Measure: Measure																	
B/G&M4 - Distance Concepts	M/C1 - Everyday Measure Concepts			M/C4 - Introducing Capacity and Volume			M/C7 - Converting Using Mixed Unit Notation			M/C10 - Introducing Kilometres			M/C13 - Formula to Find the Area of Rectangles			M/C16 - Introduction to the Area of Triangles		
B/G&M5 - Shape Concepts	M/C2 - Introducing Non-Standard Units			M/C5 - Appropriate Units of Measure			M/C8 - Introducing Units for Temperature			M/C11 - Introducing cm ² Notation			M/C14 - Measurements Using Decimal Notation			M/C17 - Formula to Find the Area of Triangles		
B/G&M6 - Movement Concepts	M/C3 - Introducing Standard Units			M/C6 - Introducing Mixed Units			M/C9 - Introducing Perimeter and Area			M/C12 - Using Digital Scales			M/C15 - Introducing Volume Using cm ³ Notation			M/C18 - Finding the Area of Quadrilaterals		
	Geometry & Measure: Properties of Shapes																	
B/G&M7 - Positional Concepts	PoS/C1 - Identifying 2D and 3D shapes			PoS/C4 - Sides and Faces			PoS/C7 - Introducing Right Angles			PoS/C10 - Using a Protractor			PoS/C13 - Introducing Missing Angle Problems			PoS/C16 - Introducing the Geometry of Circles		
B/G&M8 - Time Concepts	PoS/C2 - Sorting 2D and 3D Shapes			PoS/C5 - Sides, Faces, Corners & Edges			PoS/C8 - Parallel and Perpendicular Lines			PoS/C11 - Classifying Triangles			PoS/C14 - Embedding Missing Angle Problems			PoS/C17 - Ruler and Compass Constructions		
B/G&M9 - Matching and Sorting	PoS/C3 - Patterns with 2D and 3D Shapes			PoS/C6 - Introducing Reflective Symmetry			PoS/C9 - Introducing Acute and Obtuse Angles			PoS/C12 - Classifying Quadrilaterals			PoS/C15 - Mastering Missing Angle Problems			PoS/C18 - Geometry of Triangles in Depth		
	Geometry & Measure: Position and Direction																	
	P&D/C1 - Introducing Everyday Concepts			P&D/C4 - Introducing Left and Right			P&D/C7 - Introducing Half Turns			P&D/C10 - Introducing Coordinates in the 1 st Quadrant			P&D/C13 - Drawing Shapes in the 1 st Quadrant			P&D/C16 - Coordinates in All Four Quadrants		
	P&D/C2 - Embedding Everyday Concepts			P&D/C5 - Introducing Clockwise & Anticlockwise			P&D/C8 - Introducing Quarter Turns			P&D/C11 - Introducing the Four Compass Points			P&D/C14 - Reflection in the 1 st Quadrant			P&D/C17 - Rotation in All Four Quadrants		
	P&D/C3 - Mastering Everyday Concepts			P&D/C6 - Introducing Full Turns			P&D/C9 - Introducing Three Quarter Turns			P&D/C12 - Introducing the Eight Compass Points			P&D/C15 - Translation in the 1 st Quadrant			P&D/C18 - Enlargement in All Four Quadrants		

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	Statistics																	
	St/C1 - Sorting & Classifying St/C2 - Represent & Interpret Data to 10 St/C3 - Represent & Interpret Data to 20			St/C4 - Introducing Bar Graphs and Pictograms St/C5 - Bar Graphs & Pictograms to 20 St/C6 - Bar Graphs & Pictograms to 50			St/C7 – Introducing Bar Graphs & Pictograms to 100 St/C8 – Embedding Bar Graphs & Pictograms to 100 St/C9 – Mastering Bar Graphs & Pictograms to 100			St/C10 - Introducing Scatter Graphs St/C11 - Introducing Line Graphs St/C12 - Embedding Scatter Graphs & Line Graphs			St/C13 - Mastering Bar Graphs, Scatter Graphs and Line Graphs St/C14 - Introducing Two-Way Tables St/C15 - Mean, Median, Mode and Range			St/C16 - Introducing Pie Charts and Probability St/C17 - Embedding Pie Charts and Probability St/C18 - Mastering Pie Charts and Probability		