

Subject: MATHS	Accreditation: GCSE/ OCR Entry Level	Blue Pathway
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## LONG TERM PLAN

			<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
KS4	Cycle 2	11	Gradients & lines Non-linear graphs Using graphs	Expanding & factorising Changing the subject Fractions	Multiplicative reasoning Geometric reasoning Algebraic reasoning	Transforming & Constructing Listing & describing Show that...	Revision and examinations	Revision and examinations
	Cycle 1	10	Congruence similarity & enlargement Trigonometry	Representing solutions of equations & inequalities Simultaneous equations	Angles & bearings Working with circles Vectors	Ratios & fractions Percentages & interest Probability	Collecting, representing & interpreting data Non-calculator methods	Types of number & sequences Indices & Roots Manipulating expressions
KS3	Cycle 3	9	Straight line graphs. Forming & solving equations. Testing conjectures.	Three dimensional shapes. Constructions & congruency.	Numbers. Using percentages. Maths & Money	Deduction Rotations & translation. Pythagoras' theorem.	Enlargement & similarity. Solving ratio & proportion problems. Rates	Probability. Algebraic representation. Revision
	Cycle 2	8	Ratio & Scale Multiplicative Change Multiplying and dividing fractions	Working in the Cartesian plane Representing data Tables & Probability	Brackets, equations & inequalities. Sequences Indices	Fractions & Percentages. Standard index form. Number sense.	Angles in parallel lines & polygons. Area of trapezia & circles. Line symmetry & reflection.	The data handling cycle. Measures of location
	Cycle 1	7	Sequences Understand & use algebraic notation Equality & equivalence	Place value & ordering integers & decimals Fraction, decimal & percentage equivalence	Solving problems with addition & subtraction. Solving problems with multiplication & division. Fractions & percentages of amounts	Operations & equations with directed number. Addition & subtraction of fractions	Constructing measuring & using geometric notation. Developing geometric reasoning.	Developing number sense. Sets & probability. Prime numbers & proof.
KS2	Cycle 4	6	Place Value Addition, Subtraction, multiplication and division	Fractions A Fractions B Converting units	Ratio Algebra Decimals	Fractions decimals and percentages Area, perimeter and volume Statistics	Shape Geometry	Themed projects, consolidation and problem solving
	Cycle 3	5	Place Value Addition and Subtraction	Area	Multiplication and Division B Fractions B	Decimals and Percentages Perimeter and area	Shape Position and Direction	Negative Numbers Converting Units

				Multiplication and Division A Fractions A		Statistics	Decimals	Volume
	Cycle 2	4	Place Value Addition and Subtraction	Area Multiplication and Division A Consolidation	Multiplication and Division B Length and Perimeter	Fractions Decimals A	Decimals B Money Time	Consolidation Shape Statistics Potion and Dorection
	Cycle 1	3	Place value (Wk 1-3) Addition and Subtraction (Wk 4-8)	Multiplication and division A	Multiplication and division B Length and Perimeter	Fractions A Mass and Capacity	Fractions B Money Time	Shape Statistics Consolidation
KS1	Cycle 3	2	Place Value (Wk 1-4) Addition and Subtracting (Wk 5-9)	Shape (Week 10-12)	Money Multiplication and Division	Length and height Mass, capacity and temperature	Fractions Time	Statistics Positoin and direction Consolidation
	Cycle 2	1	Place Value. Addition and Subtraction. (Weeks 1-10)	Shape (Week 11) Consolidation(Wk 12)	Place Value Addition & Subtraction	Place Value (50) Length & Height Mass & Volume	Multiplication & Division Fractions Position & Direction	Place Value(100) Money Time
	Cycle 1	E	Getting to know you. Just like me!	It's me 1,2,3! Light & Dark	Alive in 5! Growing 6,7,8	Building 9&10 Consolidation	To 20 and beyond. First, then, now.	Find my pattern On the move

Subject: Maths	Accreditation: OCR Entry Level/ WJEC Pathways	Green Pathway
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## LONG TERM PLAN

		<u>WRM Stage</u>	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
KS 4	Cycle 2	5	Place Value Addition and Subtraction	Area Multiplication and Division A Fractions A	Multiplication and Division B Fractions B	Decimals and Percentages Perimeter and area Statistics	Shape Position and Direction Decimals	Negative Numbers Converting Units Volume
	Cycle 1	5	Place Value Addition and Subtraction	Area Multiplication and Division A Fractions A	Multiplication and Division B Fractions B	Decimals and Percentages Perimeter and area Statistics	Shape Position and Direction Decimals	Negative Numbers Converting Units Volume
KS3	Cycle 3	4	Place Value Addition and Subtraction	Area Multiplication and Division A Consolidation	Multiplication and Division B Length and Perimeter	Fractions Decimals A	Decimals B Money Time	Consolidation Shape Statistics Position and Direction
	Cycle 2	4	Place Value Addition and Subtraction	Area Multiplication and Division A Consolidation	Multiplication and Division B Length and Perimeter	Fractions Decimals A	Decimals B Money Time	Consolidation Shape Statistics Position and Direction
	Cycle 1	3	Place value (Wk 1-3) Addition and Subtraction (Wk 4-8)	Area Multiplication and Division A Consolidation	Multiplication and division B Length and Perimeter	Fractions A Mass and Capacity	Fractions B Money Time	Shape Statistics Consolidation
KS2	Cycle 4	3	Place value (Wk 1-3) Addition and Subtraction (Wk 4-8)	Multiplication and division A	Multiplication and division B Length and Perimeter	Fractions A Mass and Capacity	Fractions B Money Time	Shape Statistics Consolidation
	Cycle 3	2	Place Value (Wk 1-4) Addition and Subtracting (Wk 5-9)	Shape (Week 10-12)	Money Multiplication and Division	Length and height Mass, capacity and temperature	Fractions Time	Statistics Position and direction Consolidation
	Cycle 2	2	Place Value (Wk 1-4) Addition and Subtracting (Wk 5-9)	Shape (Week 10-12)	Money Multiplication and Division	Length and height Mass, capacity and temperature	Fractions Time	Statistics Position and direction Consolidation
	Cycle 1	1	Place Value. Addition and Subtraction. (Weeks 1-10)	Shape (Week 11) Consolidation(Wk 12)	Place Value Addition & Subtraction	Place Value (50) Length & Height Mass & Volume	Multiplication & Division Fractions Position & Direction	Place Value(100) Money Time
KS1	Cycle 3	1	Place Value. Addition and Subtraction. (Weeks 1-10)	Shape (Week 11) Consolidation(Wk 12)	Place Value Addition & Subtraction	Place Value (50) Length & Height Mass & Volume	Multiplication & Division Fractions Position & Direction	Place Value(100) Money Time
	Cycle 2	E	Getting to know you. Just like me!	It's me 1,2,3! Light & Dark	Alive in 5! Growing 6,7,8	Building 9&10 Consolidation	To 20 and beyond. First, then, now.	Find my pattern On the move
	Cycle 1	E	Getting to know you. Just like me!	It's me 1,2,3! Light & Dark	Alive in 5! Growing 6,7,8	Building 9&10 Consolidation	To 20 and beyond. First, then, now.	Find my pattern On the move

Pupils are taught according to their developmental level. Delivery and resources are adapted to be age appropriate.