## KS4 Curriculum Overview



## **Subject: Mathematics**

	Accreditation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Place Value	Practise Task	Multiplication	Measures	Position and	(continue time)
		Numbers to 50	Pens & Pencils	& Division	Non-standard	Direction	woney
	Edexcel	Addition &	Geometry	Groups, sharing	Fractions	Position	Recognising
	Entry Level 1	Subtraction	Sort/name 2D &	Statistics	Half, quarter	Practise Task	money
	(Step 1 →Step2)	Up to 20	3D	Sorting	(finish summer term)	Rectangles	Practise Test
			Place Value			Practise Test	
			Numbers to 100			Time	Entry Level
						Half hours	Exam (1 <sup>st</sup> Try)
Year 10		Place Value	Practise Task	Division	Measures	Position and	(continue time)
		10s, 1s	Pens & Pencil	By 2, 5, 10	Basic measuring	Direction	Money
Accreditation	Edexcel		Geometry	Statistics	Fractions	Turn	Counting p or £
Pathways	Entry Level 2	Addition &	Properties 2D &	Block diagrams	Halves, quarters,	Practise Task	Dractico Tost
Progression	(Step 2 →Step3)	Subtraction	3D		thirds	Rectangles	Fructise rest
Steps		2 digit numbers	Multiplication			Practise Test	Entry Level
( <mark>1</mark> , <mark>2</mark> , 3)			2, 5, 10 x tables		(finish summer	Time	<b>Exam</b> (1 <sup>st</sup> Try)
						Quarter hours	
		Place Value	Practise Task	Division	Measures	Position and	(continue time)
		100s, 10s, 1s	Pens & Pencil	2 digits by 1 digit	Comparing &	Direction	Money
	Edexcel	Addition &	Geometry	Statistics	perimeter	Movement	Giving change
	Entry Level 3	Subtraction	Angles & lines	Bar charts	Fractions	Practise Task	Practise Test
	(Step 3 →Step4)	3 digit numbers	Multiplication		Tenths	Rectangles	ructise rest
			3, 4, 8 x tables		<b>(() ) )</b>	Practise Test	Entry Level
					(TINISH SUMMER	Time	<b>Exam</b> (1 <sup>st</sup> Try)
						5 minutes	

Place Value E.L. Exam Division Measures (continue fractions) (continue fractions)   1000s 100s 10s 1s 3 digits by 1 digit Length
Year 10Edexcel Level 1 Accreditation Pathways Progression Steps (4, 5, 6, 7)Edexcel Level 1 Award in Number & H GCSE (Edexcel) Foundation (Step 4 - Step7)Edexcel and addition & Addition & Steps (Sep 4 - Step7)Geometry Triangles & quadrilaterals Use of protractor Angle facts ConstructionsGeometry Triangles & quadrilaterals Use of protractor Angle facts ConstructionsClaigut angle facts Constructions<

	Accreditation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Place Value Decimals	E.L. Exam	Algebra Notation	Geometry Reasoning	<i>(Level 2 Exam)</i> FDP	(step 7 & 8 continue topic)
Year 10 Accreditation Pathways Progression Steps	Edexcel Level 2 Award in Number & Measure + GCSE	Number Standard Form BIDMAS Integers, real & irrational Non-calculator methods Number Four Rules - decimals	Geometry Constructions Trapezia / Circles Symmetry/ Reflection 3D shapes Congruency, similarity & enlargement	Equality/ equivalence Equations Sequences Indices Straight line graphs Equations & Inequalities	Statistics Representing Data Conditional probability Algebra Equations Fractions +,- improper / mixed	equivalence x, ÷ improper / mixed Geometry Pythagoras Theorem Angles & bearings Circle work	Algebra Directed Number & Equations Ratio & Proportion Ratio, scale & proportion Rates of change Ratio & fractions
(7, 8, 9, 10)	(Edexcel) Foundation (extension) & Higher (Step7 - Step10)	Using % Maths & money Numbers & sequences Indices & roots Geometry Parallel lines	Number Primes & proof Algebra Sequences Cartesian Plane Geometry Construction & congruency Trigonometry	Statistics Sets & Probability Tables & Probability Probability Algebra Simultaneous equations	Statistics Data handling Collecting data Geometry Rotation & Translations Enlargements & Similarity (step 7&8 continue topic next term)	FDP Fraction/% of an amount Fractions & % Number Ratio & proportion Geometry Vectors (step 7&8 continue topic next term)	FDP Percentages & interest
Links to: RRS PFA SMSC		Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Health Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 26, 28, 29 Employment Independent Living Community Inclusion Health Moral & Social

	Accreditation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Place Value	Geometry	Multiplication	Measures	Position and	
		Numbers to 50	Sort/name 2D& 3D	& Division	Non-standard	Direction	Money
	Edexcel Entry Level	10s, 1s	Properties 2D & 3D	Groups, sharing	Basic measuring	Position	Recognising
			Place Value	Division		Turn	money
	, 1		Numbers to 100	By 2, 5, 10	Fractions		Counting p or £
	(Step 1 & 2)	Addition &	Multiplication	Statistics	Half, quarter	Time	
	× 0 ×	Subtraction	2, 5, 10 x tables	Sorting	1/2, 1/4, 1/3	Half hours	Revision
Voor 11		Up to 20		Block diagrams	Entry Level	Quarter hours	
fearin		2 digit numbers		EL Exam(2 <sup>nd</sup> Try)	<b>Exam</b> (3 <sup>rd</sup> Try)		
Accreditation		Place Value	Geometry	Division	Measures	Position and	Money
Pathways	Edexcel Entry Level 2	10s, 1s	Properties 2D &	By 2, 5, 10	Basic measuring	Direction	Counting p or £
Progression Steps		100s, 10s, 1s	3D	2 digits by 1 digit	Perimeter	Turn	Giving change
		Addition &	Angles & lines	Statistics	Fractions	Movement	
(1, 2, 3, 4)	(Step 2 & 3)	Subtraction	Multiplication	Block diagrams	1/2, 1/4, 1/3	Time	Revision
		2 digit numbers	2, 5, 10 x tables	Bar charts	Tenths	Quarter hours	
		3 digit numbers	3, 4, 8 x tables	EL Exam(2 <sup>nd</sup> Try)	<b>EL Exam</b> (3 <sup>rd</sup> Try)	5 minutes	
		Place Value	Geometry	Division	Measures	Position and	Money
	Edexcel	100s, 10s, 1s	Angles & lines	2 digits by 1 digit	Perimeter	Direction	Giving change
	Entry Level	1000s,100s,10s,1	Triangles &	3 digits by 1 digit	Length,	Movement	Decimals &
	3	S Addition Q	quadrilaterals	Statistics	perimeter & area	Using grids	Money
	(Step 3 & 4)	Addition &	Multiplication	Bar charts	(protractor work)	Time	2 decimal places
		Subtraction	3, 4, 8 x tables	Line graphs	Fractions	5 minutes	then
		3 digit numbers	Up to 12 x 12	Entry Level	Tenths	Digital	Four rules of
		4 digit numbers		<b>Exam</b> (2 <sup>nd</sup> Try)			number (money)
					<b>EL EXAM</b> (3 <sup>ra</sup> Try)		Revision

	Accreditation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11 Accreditation Pathways Progression Steps (5, 6, 7, 8)	AccreditationAutumn 1Edexcel Level 1 Award in Number & Measure + GCSE (Edexcel) FoundationPlace Valu To a million To 10 millior DecimalsNumber & Measure + GCSE (Edexcel) 	Place Value To a million To 10 million Decimals Number Standard Form BIDMAS	Autumn 2 Geometry Use of protractor Angle facts Constructions Trapezia / Circles Symmetry/ Reflection	Level 1 Exam & Mock GCSE Division 4 digits by 2 digits Algebra Basic algebra Notation Equality/ equivalence Equations Sequences	Measures Perimeter, area & volume Perimeter, area & volume Geometry Reasoning Statistics Representing Data	Revision & Exams (Level 1 Exam) + GCSE Foundation Maths Exam	Summer 2 Exams
		Addition & Subtraction > 4 digit numbers Number Four Rules Four Rules Four Rules - decimals Geometry Parallel lines	Multiplication Factors & multiples Multiplication & Division Number Primes & proof Algebra Sequences Cartesian Plane	Statistics Tables Pie charts Sets & Probability Tables & Probability	Revision (especially FDP & Ratio)		

	Accreditation	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11 Accreditation Pathways Progression Steps (8, 9, 10, 11)	Edexcel Level 2 Award in Number & Measure + GCSE (Edexcel) Foundation (extension) + GCSE (Edexcel) Higher (Step 8 - Step11)	Number Standard Form BIDMAS Integers, real & irrational Non-calculator methods Algebra Gradients & lines Non-linear graphs Geometry Parallel lines Number Using % Maths & money Numbers & sequences Indices & roots Algebra Using graphs	Geometry Trapezia / Circles Symmetry/ Reflection 3D shapes Congruency, similarity & enlargement Ratio Multiplicative reasoning Algebra Cartesian Plane Geometry Construction & congruency Trigonometry Geometric reasoning	Level 2 Exam Mock GCSE Algebra Equations Sequences Indices Straight line graphs Equations & Inequalities Factorising Change the subject Statistics Tables & Probability Probability Algebra Simultaneous equations Functions	Statistics Representing Data Conditional probability Listing & Describing Algebra Equations Revision	Revision & Exams (Level 2 Exam) + GCSE Foundation / Higher Maths Exam	Exams
Links to: RRS PFA SMSC		Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 28, 29 Employment Independent Living Community Inclusion Moral & Social	Articles 26, 28, 29 Employment Independent Living Community Inclusion Moral & Social