Mathematics Foundation Pathway – Curriculum Overview - 2023-2024

Year Group	Autumn Term	Spring Term	Summer Term
7	Unit 1: Expressions & Formulae Unit 2: Area & Perimeter Unit 3a: Manipulating Number Unit 3b: Number Calculations Unit 4: Factors, Multiples, Primes	Unit 5: Angles & 2D shapes Unit 6: Fractions Decimals and Percentages Unit 7: Ratio & Proportion Unit 8: Equations & Formulae	Unit 9: Fractions Unit 10: Transformations Unit 11: Sequences Unit 12a: Averages Unit 12b: Interpret Charts and Graphs
8	Unit 1: Area & Perimeter Unit 2a: Manipulating Number Unit 2b: Number Calculations Unit 3: Angles in parallel lines	Unit 4: Fractions, Decimals, Percentages Unit 5: Expressions & Formulae Unit 6: Factors, Multiples, Primes Unit 7: Equations & Formulae	Unit 8: Fractions – multiplication & division Unit 9: Constructions Unit 10: Straight line graphs
9	Unit 1: Represent & interpret data Unit 2: Percentages Unit 3: Angles in polygons Unit 4: Pythagoras' Theorem	Unit 5: Sequences Unit 6: Compound measures Unit 7: Perimeter, area and volume	Unit 8: Similar shapes Unit 9: Trigonometry Unit 10: Ratio & proportion Unit 11: Probability

Year Group	Autumn Term		Spring Term		Summer Term	
10	Set F	Set D and E	Set F	Set D and E	Set F	Set D and E
	F01a: Place Value & Decimals	F01b: Decimals	F03a: Tables, Charts, Graphs	F04a: Fractions, Decimals, Percentages	F05c: Sequences	F08a: Perimeter, Area and Volume
	F01b: Decimals	F01c: Indices, Powers, Roots	F03c: Scatter Graphs	F04b: Percentages	F06a: Basic angle facts	F09a: Real Life Graphs
	F01c: Indices, Powers, Roots	F01d: Factors, Multiples, Primes	F04a: Fractions, Decimals, Percentages	F05a: Equations	F06b: Angles in polygons	F09b: Straight Line Graphs
	F01d: Factors, Multiples, Primes	F02a: Algebra Basics	F04b: Percentages	F05b Sequences	F07: Averages	F10: Transformations
	F02a: Algebra Basics	F02b: Expressions & Substitution	F05a: Equations	F06a: Basic angle facts	F08a: Perimeter, Area & Volume	
	F02b: Expressions & Substitution	F03a: Tables, Charts, Graphs		F06b: Angles in polygons		
		F03c: Scatter Graphs		F07: Averages		

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11	<u>Set F</u> F09a: Real Life Graphs F08b: 3D forms and volume F06b: Interior and exterior angles of polygons. F11b: Proportion F14: Multiplicative Reasoning F15a Plans & Elevations F15b: Loci	<u>Set D and E</u> F16a: Quadratic equations: expanding and factorising F16b: Quadratic Graphs F15b: Loci F17: Circles, Cylinders, Cones, Spheres	<u>Set F</u> F16a: Quadratic equations (expanding and factorising) F16b: Quadratic equations (graphs) F17: Circles, cylinders, cones and spheres F18a: Reciprocals F18b: Indices & Standard Form F19a: Similarity and congruence in 2D F19b: Vectors	<u>Set D and E</u> F18a: Fractions and reciprocals F18b: Indices & Standard Form F19a Similarity & Congruence F19b Vectors F20 Further Algebra	<u>Set F</u> F20: Further Algebra Revision	<u>Set D and E</u> Revision

Weekly Extra-Curricular Provision:
Sparx Maths Club