

Maths Scheme of Work

Week	Date	Day	Topic	Learning Objective
Week 1	13 Apr	Mon	Order of Operations	Apply BIDMAS with integers, decimals and brackets
	15 Apr	Wed	Order of Operations	Solve multi-step calculations using order of operations
Week 2	20 Apr	Mon	Powers & Indices	Understand square numbers, cube numbers and powers
	22 Apr	Wed	Index Laws	Apply simple index laws in calculations
Week 3	27 Apr	Mon	Negative Numbers	Multiply and divide negative numbers
	29 Apr	Wed	Negative Numbers	Solve multi-step problems involving negative numbers
Week 4	4 May	Mon	Fractions	Multiply fractions and mixed numbers
	6 May	Wed	Fractions	Divide fractions and apply to problem solving

Week 5	11 May	Mon	Percentages	Calculate percentage increase and decrease
	13 May	Wed	Percentages	Solve reverse percentage problems
Week 6	18 May	Mon	Ratio & Proportion	Solve problems using direct proportion and scaling
	20 May	Wed	Ratio	Solve multi-step ratio problems
	25–29 May		Half Term Break	No lessons
Week 7	1 Jun	Mon	Algebra	Expand algebraic expressions with single brackets
	3 Jun	Wed	Algebra	Expand and simplify algebraic expressions
Week 8	8 Jun	Mon	Algebra	Factorise expressions into single brackets
	10 Jun	Wed	Algebra	Apply factorising to algebraic problems
Week 9	15 Jun	Mon	Linear Equations	Solve equations involving brackets

	17 Jun	Wed	Linear Equations	Solve equations involving fractions
Week 10	22 Jun	Mon	Graphs & Coordinates	Understand gradient and intercept of straight-line graphs
	24 Jun	Wed	Graphs	Use tables of values to construct and interpret straight-line graphs
Week 11	29 Jun	Mon	Angle Reasoning	Identify angles with parallel lines and vertically opposite angles
	1 Jul	Wed	Angles	Solve angle problems using reasoning and algebra
Week 12	6 Jul	Mon	Area	Calculate area of trapeziums
	8 Jul	Wed	Area	Solve area problems involving compound shapes
Week 13	13 Jul	Mon	Statistics	Construct and interpret pie charts
	15 Jul	Wed	Statistics	Compare data sets using mean, median,

				mode and range
Week 14	20 Jul	Mon	Probability	Calculate probability using sample spaces
	22 Jul	Wed	Probability	Solve probability problems and investigations