

Maths Curriculum Overview KS3 2019/20

	Autumn 1 - 7 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 6 weeks	Summer 1 - 5 weeks	Summer 2 - 6 weeks (8)
Year 7	Making generalisations about the number system 1	Making generalisations about the number system 2	2-D geometry	The Cartesian plane	Fractions	Ratio and proportion
	Wk1 Numbers and numerals Wk 2/3 Axioms and arrays Wk 4/5 Factors and multiples Wk 6 Order of operations	Wk 7/8/9 Positive and negative numbers Wk 10/11/12 Expressions, equations and inequalities	Wk 1/2 Angles Wk 3/4 Classifying 2-D shapes Wk 5/6 Constructing triangles and quadrilaterals	Wk 7/8 Coordinates Wk 9/10 Area of 2-D shapes Wk 11/12 Transforming 2-D figures	Wk 1/2 Prime factor decomposition Wk 3/4 Conceptualising and comparing fractions Wk 5/6 Manipulating and calculating with fractions	Wks 7/8 Ratio Wk 9/10 Percentages
Year 8	Equations and inequalities 1	Equations and inequalities 2	Proportional reasoning	Representations and reasoning with data	Angles	Area, volume and surface area
	Wk 1/2/3 Forming and solving equations Wk 4/5/6 Forming and solving inequalities	Wk 7/8/9 Linear graphs Wk 10/11/12 Accuracy and estimation	Wk 1 Ratio Wk 2/3 Real-life graphs and rate of change Wk 4/5/6 Direct and inverse proportion	Wk 7/8/9 Univariate data Wk 10/11/12 Bivariate data	Wk 1/2/3 Angles in polygons Wk 4/5/6 Bearings	Wk 7/8 Circles and composite shapes Wk 9/10 Volume of prisms Wk 11/12 Surface area of prisms
Year 9	Probability	Quadratics	Geometry of triangles	Ratio and proportion	Linear simultaneous equations	Reasoning with number
	Wk 1 FDP review Wk 2/3 Probability Wk 4/5/6 Sets, Venn and sample space diagrams	Wk 7/8/9 Quadratic expressions Wk 10/11/12 Quadratic equations	Wk1 Angle review Wk 2/3 Constructions, congruence and loci Wk 4/5 Pythagoras' Theorem	Wk 7 Ratio review Wk 8/9 Similarity and enlargement Wk 10/11/12 Surds and trigonometry	Wk 1/2 Solving graphically Wk 3/4/5 Solving algebraically	Wk 7/8/9 Indices and standard form Wk 10/11 Growth and decay