

SHS Maths dept Scheme of work summary overview 2019-20

Year/set	Autumn term 1	Autumn term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
Y7 Top (Sets 1 & 2)	A2 Algebraic expressions N2 Fractions, decimals and percentages GM2 Units of measurement	GM2 cont. A1 Sequences A3 Straight line graphs DH1 Statistical measures	DH1 cont. GM1 Angles rules, triangles, quadrilaterals and polygons N1 Decimals	DH2 Comparing two sets of data GM3 Transformations A4 Solving equations	A4 cont. N3 Types of number, factors, multiples, rounding and ratio DH3 Probability	DH3 cont.
Y7 Core (Sets 3 & 4)	A2 Algebraic expressions N2 Fractions, decimals and percentages GM2 Units of measurement	GM2 cont. A1 Sequences A3 Straight line graphs DH1 Statistical measures	DH1 cont. GM1 Angles rules, triangles and quadrilaterals N1 Negative numbers and decimals	DH2 Comparing two sets of data GM3 Transformations A4 Solving equations	A4 cont. N3 Factors, multiples and ratio DH3 Probability	DH3 cont.
Y8 Top (Sets 1 & 2)	A1 Algebraic manipulation DH3 Probability N1 Multiplying and dividing decimals by powers of 10	N1 cont. GM1 Area and volume incl circles and prisms N2 Fractions, decimals and percentages	GM2 Angle rules, triangles and quadrilaterals A2 Linear, quadratic and cubic graphs	N3 Factors, primes and ratio DH1 Mean, median, mode and range A3 Trial and improvement and inequalities	A3 cont. DH2 Displaying data	GM3 Constructions
Y8 Core (Sets 3 & 4)	A1 Algebraic manipulation DH3 Probability N1 Multiplying and dividing decimals by powers of 10	N1 cont. GM1 Perimeter, area and volume N2 Fractions, decimals and percentages	GM2 Angle rules, triangles and quadrilaterals A2 Linear sequences and graphs	N3 Indices, factors, primes, rounding & ratio DH1 Mean, median, mode and range A3 Solving linear equations using balancing method	A3 cont. DH2 Displaying data	GM3 Constructions
Y9 Top (Set 1)	To be amended back to the original ready for Sept 2020	A2 Algebraic manipulation DH1 & DH2 Displaying data – cumulative frequency and box plots N2 Fractions, decimals and percentages	GM1 Area & Volume A1 Sequences A3 Functions & graphs	A3 cont. GM2 Geometrical reasoning	A4 Solving simultaneous and quadratic equations DH3 Probability tree diagrams	DH3 cont. GM3 Transformations
Y9 Core Plus (Set 2)	To be amended back to the original ready for Sept 2020	A2 Algebraic manipulation DH1 Comparing two sets of data N2 Fractions, decimals and percentages	GM1 Area & Volume A1 Sequences A3 Functions & graphs	A3 cont. DH2 Comparing two sets of data GM2 Geometrical reasoning	N3 Types of number, factors, multiples, rounding and ratio A4 Forming and solving equations	DH3 Probability GM3 Transformations
Y9 Core Basic (Sets 3 & 4)	To be amended back to the original ready for Sept 2020	A2 Algebraic manipulation DH1 Comparing two sets of data N2 Fractions, decimals and percentages	GM1 Area & Volume A1 Sequences A3 Functions & graphs	A3 cont. DH2 Comparing two sets of data GM2 Geometrical reasoning	N3 Types of number, factors, multiples, rounding and ratio A4 Forming and solving equations	DH3 Probability GM3 Symmetry

N=Number, A=Algebra, GM=Geometry, DH=Data handling (Statistics)

Note set 1 would be aiming to achieve a GCSE grade 7+ by the end of Y11, set 2 GCSE grade 5+, sets 3 and 4 grade 4+