



New Woodlands School Programme of Study (POS)

Subject...MathsKS3 and 4

Key stage 3

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Using Numbers Sequences Perimeter and area	Decimal numbers Calculations – order of operations Statistics – Averages	Algebra – expressions Fractions Angles	Coordinates and graphs Percentages Probability	Transformations - Symmetry Algebra – Equations Interpreting data	3D shapes Ratio
Year 8	Working with numbers Geometry Probability	Percentages Sequences Area and surface area	Graphs Simplifying numbers Interpreting data	Algebra Congruence and scaling	Fractions and decimals Proportion Circles	Equations and formulae Comparing data
Year 9	Percentages Equations and formulae Polygons	Using Data Circles Enlargements	Fractions Algebra Decimal numbers	Volume Solving equations graphically	Compound units Triangles	Project based task End of year examinations

Key stage 4

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Number, Algebra, Algebra Graphs part 1 – presenting data	Graphs Part 2 – presenting data Fraction and percentages Sequences	Angles Averages Perimeter and area	Volume Linear Graphs Transformations	Ratio and proportion Right angled Triangles Probability	Multiplicative reasoning Constructions, loci and bearings
Year 11	Number Quadratic equations and graphs Perimeter, area and volume including circles	Fractions, indices and standard form Congruence, similarity and vectors Algebra 2	Individualised topic revision to support exam success.		Exams	