

Mathematics Curriculum Map

KS3 – Years 7,8 and 9 - National Curriculum for England – Mathematics. White Rose Maths

KS4 – Years 10 and 11 - OCR J560 GCSE Maths or Pearson Edexcel Entry 2 Maths



	Autumn term 1 (8)	Autumn term 2 (7)	Spring term 1 (6)	Spring term 2 (5)	Summer term 1 (6)	Summer term 2 (7)
Year 7	Sequences Algebraic introduction and equations Place value and ordering	Four operations Statistics and range Rounding	Graphing data Fractions, decimals and percentages	Directed numbers Fractions and percentages of amounts Perimeter and area	Speed, distance and time Four operations with decimal numbers Properties of number	Adding fractions Subtracting fractions Angles and polygons
Year 8	Ratio Proportion and scale Directed number Algebraic manipulation	Coordinates Graphs Multiplying fractions	Area Volume Equations Fractions	Percentages Decimal arithmetic and rounding Expressions and indices Standard form	Interpret and represent data Angles in polygons Tables and probability Circles	Graphs and charts Sequences Symmetry and reflection
Year 9	Properties of number Percentages Area and volume Equations, inequalities and formula	Fractions Rates Standard form Maths and money	Straight line graphs Ratio and proportion Construction and congruence	Similarity Algebraic manipulation Pythagoras	Non-linear graphs Probability Transformations Simultaneous equations	Trigonometry Consolidation of KS3
Year 10 GCSE	Algebraic manipulations Equations and inequalities Quadratic equations Percentages	Ratio and scale Four operations with fractions Fractions of an amount and solving problems with fractions	Non calculator methods Straight line graphs Probability Frequency trees	Rounding Estimation Perimeter, area and volume Interpret and represent data	Non-linear graphs Angles Graphs and diagrams Vectors Factors and powers	Pythagoras Trigonometry Simultaneous equations



	Autumn term 1 (8)	Autumn term 2 (7)	Spring term 1 (6)	Spring term 2 (5)	Summer term 1 (6)	Summer term 2 (7)
Year 11 GCSE	Ratio and proportion – buying and conversion Area and volume Similarities and congruence	Sequences and proof Standard form Work with circles Set notation and Venn diagrams	Functions and graphs Equations and formulae Rates	Angles, bearings and trigonometry Constructions and Loci Transformations 1	Transformations 2 Consolidation of Key Stage 4 Revision and exam preparation	Exam preparation Preparation for Post 16
Year 10 Entry 2	Four operations and number Time and dates Rounding Fractions and decimals	Money Analogue and digital clocks Measurement and Temperature Shapes	Handling information and data Consolidation of Entry 2 work	Preparation for worded questions Past paper questions Exam preparation	Exam preparation	Preparation for Entry 3 qualification
Year 11 Entry 3	Four operations and larger numbers Rounding larger numbers Linear sequences	Fractions and equivalent forms Decimals up to 2 places and sequences	Money and rounding Time Length, capacity, weight and temperature Units	Measuring 2D and 3D shapes Compass points and directions	Extracting information from diagrams and graphs Interpreting information Organising information	Past paper questions Revision Exam preparation
P16	The Post 16 scheme is dependent on the qualification they are doing. This will be provided to individual pupils at the start of Post 16.	This year will be following the Entry 2 qualification which is the same as the Year 10 scheme detailed above.				

Please note: Any student following a different scheme of work will be given an individual overview at the start of the year.