

Classes and Tiers of Entry

- Higher – Sets A and B follow WR Maths Higher
- Foundation – Sets C, D and E follow WR Maths Foundation
- Essential Skills – Sets F and G follow the Essential Skill SoL, preparing for GCSE Foundation Maths

Year 10 Higher and Foundation both follow:

WRM – Year 10 Scheme of Learning



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Similarity						Developing Algebra					
	Congruence, similarity and enlargement			Trigonometry			Equations and inequalities		Representing solutions		Simultaneous equations	
Spring	Geometry						Proportions and Proportional Change					
	Angles & bearings		Working with circles		Vectors		Ratios & fractions		Percentages and Interest		Probability	
Summer	Delving into data						Using number					
	Collecting, representing and interpreting data						Non-calculator methods		Types of number and sequences		Indices and Roots	

Year 10 Essential Skills follows:

	Week 1 - 6	Week 7 - 12
<i>Autumn</i>	Essential Number Addition/subtraction/multiplication/division place value, rounding, negative numbers, working with time, simplifying fractions, powers and roots, BIDMAS, factors and multiples, coordinates and pictograms	Essential Number/Algebra Calculations involving a calculator, systematic listing, fractions of amounts, FDP, simplifying algebra, function machines, solving equations, angles, area and perimeter, probability, frequency polygons, average, bar charts
<i>Spring</i>	Essential Number/Ratio and Proportion Fractions, estimation, simplifying ratios, proportion, percentages, percentage change, exchange rates, conversion and units	Essential Number/Geometry Scale drawings, best buy problems, substitution, solving equations, drawing linear graphs, area and circumference of circles, transformations, area of compound shapes, frequency trees and two-way tables
<i>Summer</i>	GCSE Math Mock Exams Students spend time going through practice GCSE papers, working with class teachers in the style of walking talking mocks and beginning to feel familiar with the way in which papers are structured.	Essential Skills from QLA From the Year 10 maths mock exams, teachers identify the key topics that need re-teaching and spend this final term ensuring mastery of the Year 10 curriculum is firmly embedded.

Year 11 Higher and Foundation both follow:

WRM – Year 11 Scheme of Learning



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Graphs						Algebra					
	Gradients & lines		Non-linear graphs		Using graphs		Expanding & factorising		Changing the subject		Functions	
Spring	Reasoning						Revision and Communication					
	Multiplicative		Geometric		Algebraic		Transforming & constructing		Listing & describing		Show that...	
Summer	Revision						Examinations					

Year 11 Essential Skills follows:

	Week 1 - 6	Week 7 - 12
<i>Autumn</i>	Essential Number/Algebra Indices, prime factors, HCF and LCM, forming and solving equations, inequalities, sequences, expanding and factorising,	Essential Number/Ratio and Proportion Scale drawings, bearings, loci and constructions, compound interest and depreciation, real life distance time graphs
<i>Spring</i>	Essential Number/Geometry Pythagoras, angles in parallel lines, angles in polygons, surface area, volume of a prism, cylinders	Essential Number/Probability and Statistics Averages, probability, averages from frequency tables, comparing distributions, frequency polygons, scatter graphs, bar charts, stem and leaf
<i>Summer</i>	Examinations Students spend time going through practice GCSE papers, working with class teachers in the style of walking talking mocks and gaining confidence in achieving their full potential in the real examinations.	