5 year Scheme of Work (2 year KS3, 3 year KS4)

This 5 year scheme of work for lower ability students identifies areas of overlap between the KS3 Maths Progress Pi 1, 2 and 3 student books and the Edexcel GCSE (9-1) Mathematics Foundation student book. In Year 7 and Year 8, students cover all units from KS3 Maths Progress Pi that are required as prior knowledge before moving on to the GCSE course in Year 9, Year 10 and Year 11. This includes a 'Number skills' unit, that can be taught either at the end of Year 8 or at the start of Year 9. It has been included in both places in this document.

Tests for the 2 year SoW for KS3 and the 3 year SoW for GCSE can be found on Pearson's ActiveLearn Digital Service, which combines front-of-class teaching resources with online homework and practice, as well as planning and assessment materials.

YEAR 1

YEAR 2

Pi 1 and Pi 3 Lesson 10.1	Pi 2 and Pi 3 Lesson 3.1
Unit 1 Analysing and displaying data	Unit 1 Number properties and calculations
Unit 2 Calculating	Unit 2 Shapes and measures in 3D
Unit 3 Expressions, functions and formulae	Unit 3 Statistics and lesson 3.1 from Pi 3
Unit 4: Graphs	Unit 4 Expressions and equations
Unit 5 Factors and multiples	Unit 5 Decimals calculations
Unit 6 Decimals and measures	Unit 6 Angles
Unit 7 Angles and lines	Unit 7 Number properties
Unit 8 Measuring and shapes	Unit 8 Sequences
Unit 9 Fractions, decimals and percentages	Unit 9 Fractions and percentages
Unit 10: Transformations and lesson 10.1 from Pi 3	Unit 10 Probability

END OF YEAR 2 / START OF YEAR 3

Pi 3
Number skills Lessons 1.1, 1.2, 1.3, 1.4, 1.5, 1.7, and 4.2

YEAR 3

YEAR 4

YEAR 5

GCSE (9-1) Foundation	GCSE (9-1) Foundation	GCSE (9-1) Foundation
Unit 1 Number	Unit 9 Graphs	Unit 18 Fractions, indices and standard form
Unit 2 Algebra	Unit 10 Transformations	Unit 19 Congruence, similarity and vectors
Unit 3 Graphs, tables and charts	Unit 11 Ratio and proportion	Unit 20 More algebra
Unit 4 Fractions and percentages	Unit 12 Right-angled triangles	
Unit 5 Equations, inequalities and sequences	Unit 13 Probability	
Unit 6 Angles	Unit 14 Multiplicative reasoning	
Unit 7 Averages and range	Unit 15 Constructions, loci and bearings	
Unit 8 Perimeter, area and volume 1	Unit 16 Quadratic equations and graphs	
	Unit 17 Perimeter, area and volume 2	