

In Years 4-6, pupils who have achieved the Pre Key Stage objectives will move on to the High Starters Curriculum Map to develop a wider range of skills and follow the National Curriculum.

### YEARS 4-6 HIGH STARTERS MATHS CURRICULUM MAP

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number: Place Value		Calculation: addition & subtraction		Measure: Money	
Autumn term 2 (7 weeks)	Calculation: addition & subtraction			Measure: Time		Geometry: 2D Shapes	
Spring term 1 (6 weeks)	Number: place value		Calculation: multiplication & division			Measure: Time	
Spring term 2 (6 weeks)	Number & problem solving		Measure: Money	Geometry: Position 3D shapes			
Summer term 1 (6 weeks)	Calculations: multiplication & division			Measure: Length & Height Weight & volume			
Summer term 2 (7 weeks)	Number: Fractions			Geometry: Position & Direction		Consolidation and problem solving	

In Years 7 and 8, our High Starters will follow this Curriculum Map which will give them the foundation skills to prepare for GCSE learning.

### YEARS 7-8 HIGH STARTERS MATHS CURRICULUM MAP

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number: Place Value		Calculation: addition & subtraction			
Autumn term 2 (7 weeks)	Calculation: multiplication & division			Measure	Assessment week and Maths challenges	Geometry	
Spring term 1 (6 weeks)	Number: Place Value		Calculation: addition & subtraction			Measure	
Spring term 2 (6 weeks)	Number and problem solving		Measure	Statistics/Geometry	Assessment week and Maths challenges	Consolidation and problem solving	
Summer term 1 (6 weeks)	Calculations: multiplication & division			Measure		Number: Place Value	
Summer term 2 (7 weeks)	Number: Fractions, decimals and percentages To include Ratio and Proportion			Geometry	Assessment week and Maths challenges	Consolidation and problem solving	

In Year 9 our High Starters will look to begin their journey through the Functional Skills Entry Level 3 Curriculum. They will complete this alongside the GCSE Curriculum with the hope of securing a pass at FS EL 3 in either Year 9 or Year 10, and then a pass at GCSE in Year 11.

YEARS 9-10 HIGH STARTERS MATHS CURRICULUM MAP (FS EL 3)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number (A): Numbers and the number system			Measure, shape and space (D): Money in calculations		
Autumn term 2 (7 weeks)	Measure, shape and space (E): Read time accurately			Consolidation - Number (A): Numbers and the number system	Assessment week and Maths challenges	Consolidation and problem solving	
Spring term 1 (6 weeks)	Measure, shape and space (F): Working with units of measure			Measure, shape and space (G): Recognise and name 2-D and 3-D shapes and their properties	Measure, shape and space (H): Use positional vocabulary		
Spring term 2 (6 weeks)	Handling Data (I): Handling information and data			Assessment week and Maths challenges	Consolidation and problem solving		
Summer term 1 (6 weeks)	Consolidation - Number (A): Numbers and the number system		Number (B): Fractions		Number (C): Decimals		
Summer term 2 (7 weeks)	Consolidation - Measure, shape and space (E, F, D, G, H, I): Money, Time, Calendar, Measure, Shape, Positional vocab			Consolidation - Handling Data (J)	Assessment week and Maths challenges	Consolidation and problem solving	

In Years 9-11, High starters complete the 3-year syllabus for GCSE. This course works towards preparing pupils for the national external exams at the end of Year 11.

### YEAR 9 HIGH STARTERS MATHS CURRICULUM MAP (GCSE - YEAR 9)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number (1a-1d): Integers and place value; decimals; indices, powers and roots; factors, multiples and primes					
Autumn term 2 (7 weeks)	Algebra (2a-2b): Algebra basics; expanding and factorising single brackets				Assessment weeks and Maths challenges		Consolidation and problem solving
Spring term 1 (6 weeks)	Handling Data (3a-3d): Tables; charts and graphs; pie charts; scatter graphs						
Spring term 2 (6 weeks)	Number (4a-4c): Fractions, decimals, percentages				Assessment weeks and Maths challenges		
Summer term 1 (6 weeks)	Measure, shape and space (6a-6b): Properties of shapes; angles				Algebra (2c): Expressions and substitution into formulae		
Summer term 2 (7 weeks)	Measure, shape and space (8a-8b): Perimeter and area; 3-D forms and volume				Assessment weeks and Maths challenges		Consolidation and problem solving

YEAR 10 HIGH STARTERS MATHS CURRICULUM MAP (GCSE - YEAR 10)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Handling Data (7a-7b): Statistics and sampling; averages					
Autumn term 2 (7 weeks)	Measure, shape and space (10a-10b): Transformations				Assessment weeks and Maths challenges		Consolidation and problem solving
Spring term 1 (6 weeks)	Number (11a-11b): Ratio and proportion			Algebra (5c): Sequences			
Spring term 2 (6 weeks)	Number (18a): Fractions and reciprocals		Number (18b): Indices and standard form		Assessment weeks and Maths challenges		
Summer term 1 (6 weeks)	Algebra (5a-5b): Equations and inequalities			Handling Data (13a-13b): Probability			
Summer term 2 (7 weeks)	Handling Data (9a-9b): Real-life graphs; straight-line graphs				Assessment weeks and Maths challenges		Consolidation and problem solving

YEAR 11 HIGH STARTERS MATHS CURRICULUM MAP (GCSE - YEAR 11)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Measure, shape and space (15a-15b): Plans and elevations, constructions, loci and bearings			Algebra (20): Rearranging equations		
Autumn term 2 (7 weeks)	Measure, shape and space (17): Circles		Algebra (16a): Expanding and factorising quadratic equations		Assessment weeks and Maths challenges		Consolidation and problem solving
Spring term 1 (6 weeks)	Consolidation - Number						
Spring term 2 (6 weeks)	Consolidation - Algebra				Assessment weeks and Maths challenges		
Summer term 1 (6 weeks)	Consolidation - Handling Data			Consolidation - Measure, shape and space			
Summer term 2 (7 weeks)	GCSE Exams						

In Years 12-14, High Starters (pupils that have secured a Grade 1 or 2 at GCSE) will move on to study Functional Skills Level 1 in the Sixth Form.

### YEARS 12-14 HIGH STARTERS MATHS CURRICULUM MAP (FS LV 1)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number (A1-11, A15): Numbers and the number system			Number (A12-14): Fractions		
Autumn term 2 (7 weeks)	Number (A16-24): Decimals and rounding				Assessment week and Maths challenges	Consolidation and problem solving	
Spring term 1 (6 weeks)	Measure, shape and space (B3): Converting units of measure	Measure, shape and space (B4): Scale drawings and maps	Measure, shape and space (B5-7): Perimeter, area and volume				
Spring term 2 (6 weeks)	Measure, shape and space (B8-11): 2-D and 3-D shapes		Measure, shape and space (B12-13): Angles		Assessment week and Maths challenges	Consolidation and problem solving	
Summer term 1 (6 weeks)	Number (A25-29, B1-2): Percentages			Number (A30-31): Estimation and equivalences	Number (A32): Ratio and direct proportion		
Summer term 2 (7 weeks)	Handling Data (C1-5): Representing data		Handling Data (C6): Averages	Handling Data (C7-9): Probability		Assessment week and Maths challenges	Consolidation and problem solving

In Years 12-14, High Starters (pupils that have either passed FS Lv 1, or secured a Grade 4 or 5 at GCSE) will move on to study Functional Skills Level 2 in the Sixth Form.

Note: Those pupils that secure a Grade 3 at GCSE will continue to study the GCSE syllabus on a personalised study programme to meet individual gaps and misconceptions, in preparation for GCSE retake in November and/or May.

### YEARS 12-14 HIGH STARTERS MATHS CURRICULUM MAP (FS LV 2)

Term	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn term 1 (7 weeks)	Week of Inspirational Maths	Number (A1-4): Numbers and the number system		Number (A5): Substitution into formulae	Number (A11-15): Fractions		
Autumn term 2 (7 weeks)	Number (A16-21): Decimals			Number (A25): Order of precedence	Assessment week and Maths challenges	Consolidation and problem solving	
Spring term 1 (6 weeks)	Measure, shape and space (B2-6): Units of measure	Measure, shape and space (B11-12): Scale drawings	Measure, shape and space (B7-10): Perimeter, area, volume and surface area				
Spring term 2 (6 weeks)	Measure, shape and space (B14-15): 2-D and 3-D shapes		Measure, shape and space (B13, B16): Coordinates and angles		Assessment week and Maths challenges	Consolidation and problem solving	
Summer term 1 (6 weeks)	Number (A7-10, B1): Percentages			Number (A6): Equivalences	Number (A32): Ratio and direct/indirect proportion		
Summer term 2 (7 weeks)	Handling Data (C6-7): Scatter diagrams	Handling Data (C1-C3): Averages		Handling Data (C4-5): Probability		Assessment week and Maths challenges	Consolidation and problem solving