

Year	Autumn	Spring	Summer
7	<ul style="list-style-type: none"> • Number and calculations • Factors and multiples • Charts and Averages • Area 	<ul style="list-style-type: none"> • Fractions • Expressions • Fractions, Decimals and Percentages • Ratio 	<ul style="list-style-type: none"> • Equations • Angles • Sequences • Graphs
8	<ul style="list-style-type: none"> • Number • Area and volume • Expressions • Fractions, decimals and percentages • Probability 	<ul style="list-style-type: none"> • Equations • Shapes and angles • Ratio • Pythagoras and trigonometry 	<ul style="list-style-type: none"> • Graphs • Sequences • Charts and averages • Transformations
9	<ul style="list-style-type: none"> • Factors and multiples • Indices and standard form • Expressions and equations • Charts and averages 	<ul style="list-style-type: none"> • Area and volume • Fractions, decimals and percentages • Ratio • Shapes and angles 	<ul style="list-style-type: none"> • Pythagoras' Theorem • Surds • Right angled Trigonometry • Transformations • Probability

10	<ul style="list-style-type: none"> • Expressions • Sequences • Graphs • Area and Volume • Quadratic Equations • Cumulative frequency • Sequences • Linear Graphs 	<ul style="list-style-type: none"> • Constructions • Fractions, Decimals and Percentages • Graphs • Area and Volume • Surds • Constructions • Equations 	<ul style="list-style-type: none"> • Equations • Ratio • Circle theorems • Graphs of other functions • Vectors
11	<ul style="list-style-type: none"> • Non-right-angled trigonometry • Functions • Algebraic proof • Vectors 	<p>Consolidation including topics such as:</p> <ul style="list-style-type: none"> • Surds • Ratio and proportion • Linear and quadratic graphs • Cumulative frequency • Circle theorems • Linear and quadratic simultaneous equations 	

Curriculum Overview – Maths- Shotton Hall.