

Year	Autumn	Spring	Summer
7	<ul style="list-style-type: none"> • Number and calculations • Factors and multiples • Charts and Averages • Area and volume • Fractions • Expressions 	<ul style="list-style-type: none"> • Expressions • Fractions, decimals and percentages • Charts and averages • Shapes and angles • Ratio • Equations 	<ul style="list-style-type: none"> • Equations • 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 	<ul style="list-style-type: none"> • Area and volume • Fractions, decimals and percentages • Ratio 	<ul style="list-style-type: none"> • Surds • Pythagoras' theorem • Right angled Trigonometry • Probability

	<ul style="list-style-type: none"> • Charts and averages 	<ul style="list-style-type: none"> • Shapes and angles 	<ul style="list-style-type: none"> • Transformations
10	<ul style="list-style-type: none"> • Indices and standard form • Linear and quadratic expressions and equations • Charts and averages • Cumulative frequency • Sequences • Area and volume 	<ul style="list-style-type: none"> • Fractions, decimals and percentages • Linear graphs • Constructions • Simultaneous equations 	<ul style="list-style-type: none"> • Ratio and proportion • Shape and angles • Circle theorems • Graphs of other functions • Pythagoras' theorem • Right angled and non-right-angled trigonometry
11	<ul style="list-style-type: none"> • Non-right-angled trigonometry • Algebraic manipulation • Quadratic equations • Functions • Algebraic proof • Vectors 	<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- Ashington.