

YEAR 8 & 9 CURRICULUM

At Brightstowe we use the Collins Frameworking scheme of learning for students in years 8 and 9. Its differentiated approach ensures progress at the right pace for all students; it emphasises fluency, mathematical reasoning and problem solving throughout. It covers the aims and content of the new curriculum and prepares students for revised GCSEs ahead.

This scheme of learning will be superseded as the Maths Mastery programme develops year on year.

<u>Year 8</u>	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Working towards national standard	1) Number Properties 2) Angles 3) Probability	1) Percentages 2) Sequences 3) Area	1) Graphs 2) Simplifying Numbers 3) Interpreting Data	1) Algebra 2) Congruence and Scaling	1) Fractions & Decimals 2) Proportion 3) Circles	1) Equations & Formulae 2) Comparing Data
Working at national standard	1) Number Properties 2) Angles 3) Probability	1) Percentages 2) Sequences 3) Area of 2D and 3D Shapes	1) Graphs 2) Simplifying Numbers 3) Interpreting Data	1) Algebra 2) Congruence and Scaling	1) Fractions & Decimals 2) Proportion 3) Circles	1) Equations & Formulae 2) Comparing Data
Working above national standard	1) Number Properties 2) Angles & Constructions 3) Probability	1) Percentages 2) Sequences 3) Surface Area & Volume of Prisms	1) Graphs 2) Simplifying Numbers 3) Interpreting Data	1) Algebra 2) Shape & Ratio	1) Fractions & Decimals 2) Proportion 3) Circles	1) Equations & Formulae 2) Comparing Data

<u>Year 9</u>	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Working towards national standard	1) Percentages 2) Equations & Formulae 3) Polygons	1) Using Data 2) Circles 3) Enlargements	1) Fractions 2) Algebra 3) Decimal Numbers	1) Surface Area & Volume 2) Solving Equations Graphically	1) Distance, Speed & Time 2) Similar Triangles	1) Revision of KS3 Content 2) GCSE Preparation
Working at national standard	1) Percentages 2) Equations & Formulae 3) Polygons	1) Using Data 2) Applications of Graphs 3) Pythagoras' Theorem	1) Fractions 2) Algebra 3) Decimal Numbers	1) Prisms & Cylinders 2) Solving Equations Graphically	1) Compound Units 2) Right Angled Triangles (Trigonometry)	1) Revision of KS3 Content 2) GCSE Preparation
Working above national standard	1) Percentages 2) Equations & Formulae 3) Polygons	1) Using Data 2) Applications of Graphs 3) Pythagoras' Theorem	1) Fractions 2) Algebra 3) Decimal Numbers	1) Surface Area & Volume of Cylinders 2) Solving Equations Graphically	1) Compound Units 2) Right Angled Triangles (Trigonometry)	1) Revision of KS3 Content 2) GCSE Preparation