

## Curriculum Information Bramcote College

Year Group: 8

Subject: Maths

Objectives/purpose	The KS3 scheme of work is designed around a mastery framework. Students develop fluency with the methods used and an understanding of the mathematical concepts studied.
Autumn Term	<ol style="list-style-type: none"> <li>1. Properties of Number</li> <li>2. Adding and Subtracting Fractions</li> <li>3. Algebra Review</li> <li>4. Changing the Subject of a Formula</li> <li>5. Constructing and Solving Equations</li> <li>6. Arithmetic and Geometric Sequences</li> </ol>
Spring Term	<ol style="list-style-type: none"> <li>1. Area</li> <li>2. Volume</li> <li>3. Circle Geometry</li> <li>4. Pythagoras</li> <li>5. Angles on Parallel lines</li> <li>6. Angles in Polygons</li> </ol>
Summer Term	<ol style="list-style-type: none"> <li>1. Ratio</li> <li>2. Proportion</li> <li>3. Speed, Distance, Time</li> <li>4. Probability</li> <li>5. Statistics</li> <li>6. Transformations</li> </ol>
How is progress measured?	Regular topic focused pre and post tests Termly summative assessment (white papers)
How is the subject externally examined? (KS4 and KS5)	Builds to GCSE maths in year 11
Extending Learning at home	Repeated practice homework tasks focused on skills with related help sheet Access to mymaths where students can do extra practice
Support Available	On request from maths teachers, in person or over email  Some students will have dedicated numeracy catch up support
Useful web addresses and book resources/revision guides	<a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a> <a href="http://corbettmaths.com">corbettmaths.com</a> <a href="http://www.maths4everyone.com">www.maths4everyone.com</a>

Date reviewed: 21/5/20