

KS3 COURSE OPTIONS

Course Title	Key Stage 3 Mathematics
Course Description	Building on the Mathematics studied in year 6 the course is designed to deepen students understanding of basic concepts, provide intellectual challenge with new topics, and provide an insight in to how mathematics is used in everyday life. Students in year 7 embark on a 5-year program of study designed to allow students to achieve their full potential at GCSE
Course Content (Term 1,2,3 etc.)	See table on the next page
Useful Websites	www.Mathswatch.vle.com www.mymaths.co.uk www.mathletics.co.uk https://cloud.guilsborough.northants.sch.uk
Important Information	<p>Students in Mathematics will be set based on their ability, this is initially based on information from the primary school, and then through our own regular testing.</p> <p>All students are expected to have their own scientific calculator; these can be brought from the Mathematics Department. Students are also expected to have basic geometry set available for every lesson.</p> <p>Much of the Mathematics out of school support is provided by online activities, it is vital that students have access to a computer for use out of lessons. We provide this equipment and a tablet in Year 7 for any student receiving the PP fund.</p>
Provision For Most Able	As all students in Mathematics are set, the more able students, who will be in set 1 in year 7 will follow an accelerated program of study, that enable them to explore new topics earlier, and challenges them to think about their current knowledge in new and unfamiliar ways.
Assessment	<p>Students in Mathematics are continually assessed in lessons, in addition to this every couple of weeks students will complete an assessed homework, once marked by teacher students will receive targets for improvement.</p> <p>In term 1 students will sit a baseline assessment test to allow us to determine their current understanding of key topics.</p> <p>In addition to this students will sit setting and assessment tests in Terms 2,3,5,6</p>

	Excelling Mathematicians	Mastering Mathematicians	Developing Mathematicians	Emerging Mathematicians
Term 1	Positive and Negative Numbers Number Algebra Fractions and Ratio	Multiplication Shape Probability Number Patterns Decimals	Multiplication Negative Numbers Shape Decimals	Number and Place Value
Term 2	Angles Decimals Handling data	Angles Algebra Handling Data	Measure Number Patterns Fractions and Ratio Probability	Addition and Subtraction
Term 3 & Term 4	Number Patterns Percentages Probability Graphs	Measure Negative Numbers Formulae and Equations Perimeter, Area and Volume Fractions and Ratio Percentages	Probability Perimeter, Area and Volume Angles Algebra Handling Data	Multiplication and Division
Term 5	Shape and Measure Formulae and Equations Averages	Graphs Averages Transformations	Formulae and equations Percentages Averages	Fractions and Decimals
Term 6	Averages Transformations Perimeter, Area and Volume	Algebra Angles Probability	Transformations Graphs Number	Handling Data Graphs

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