Year 7 Maths

What will be studied?		
Topic(s)		
Autumn 1	**Analysing and displaying data:** Statistical diagrams Correlation **Number skills:** Multiples, factors and primes Square roots and cube roots	Baseline and data handling assessment.
Autumn 2	**Equations, functions and formulae:** Simplifying algebraic expressions Derive formulae **Fractions:** Simplifying Add, subtract, multiply and divide	End of term assessment
Spring 1	**Angles and Shapes:** Drawing and measuring angles Properties of triangles and quadrilaterals **Decimals:** Rounding decimals Fractions and percentages	End of unit assessment
Spring 2	**Equations:** Solving equations Trial and improvement	End of term assessment
Summer 1	**Multiplicative reasoning:** Metric and imperial units Best buy problems **Perimeter, Area and volume:** Area of parallelograms Surface area and volume of 3D shapes	End of unit assessments
Summer 2	**Sequences and graphs:** Term to term rule Coordinates **Revision**	End of year assessment

End of Year Examination

How will I be assessed at the end of the year?

Students are given one hour of calculator and one hour of non-calculator assessment comprising of all the topics covered in year 7.

These assessments cover the skills that students have learnt, students should apply their knowledge and solve problems in context.

How can I help my child?

Guidance and advice

Students will be given overviews at the beginning of every term outlining the topics which will be covered.

Two pieces of home learning tasks will be set by the teacher. This could be a range of activities from online or worksheets.

- **https://www.mymaths.co.uk/ - school subscription**
- **https://corbettmaths.com/5-a-day**
- **http://studymaths.co.uk**
- **https://www.pearsonactivelearn.com/**