

**Maths****YEAR 7**

Lesson(s) per week	4
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Homework per week	1
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Staff to contact: Ms. S. Robertson**Course content/description**

The Key Stage Three Mathematics curriculum has been designed to promote fluency, confidence and mathematical reasoning. Students work with techniques and concepts involving number, algebra, shape and data through examples, practice exercises and problem solving activities. In Year 7 one lesson a week is devoted to developing fluency through practice.

The Year 7 programme of learning introduces the students to the powerful methods of algebra, whilst building on the work already done at primary school. Topics typically covered in Year 7 include: working with negative numbers; fractions, decimals and percentages; solving simple equations; substitution; perimeters and areas of rectilinear shapes; describing transformations; probability; and using different averages. There is also an extended citizenship project exploring how mathematics is used in the environment.

Assessment

Alongside ongoing in-class assessment, students in Year 7 sit three larger tests, one at the end of each term. These are tailored to the level which each student is working at.

Books/other/materials/visits

The course does not follow a single textbook, although we sometimes use the Oxford Framework Mathematics books which are available on Fronter. Most students are issued with a homework book that accompanies this series at the start of the year.

What help can be given at home?

Check your child's homework each week before it is submitted – have they done their best? Use the resources available on Fronter to consolidate work done in class.