

**Maths****YEAR 9**

Lesson(s) per week 3

Homework per week 1

**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.

The Year 9 programme of learning builds on the work of Years 7 and 8, consolidating understanding and preparing students for the beginning of the GCSE course. In addition to this, many students will meet some of the following topics: standard form; quadratic algebra techniques; cumulative frequency curves and boxplots; tree diagrams; loci and constructions. After the Easter test (see below) the students undertake some work involving money skills, budgeting and finance.

**Assessment**

Alongside ongoing in-class assessment, students in Year 9 continue to have larger termly tests. At Easter they sit a mathematics exam in formal exam conditions; this is used to help determine setting and provision at GCSE.

**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.