

## Mathematics

Subject title	Mathematics
Setting arrangements	Sets are reviewed at the end of y7 and then with some changes, carry over into y8. Setting is monitored on a regular basis and changes are made, where appropriate, taking assessment data and teachers' observations in lessons into consideration.
Time allowance each fortnight	7 hours

### Topics covered during the course

We use the kangaroo maths scheme of work which covers:

Number, Algebra, Geometry and Measure, Statistics, Ratio and Proportion

<https://kangaroomaths.co.uk/kennys-pouch-plan-secondary/>

### Skills developed during the course

Students will develop skills in mathematical fluency, reasoning, application and problem solving.

Problem solving that requires links between several topics.

### Assessment and coursework

#### **Types of Assessment**

13 low stakes short assessments called BAMs (build a mathematician). These test the understanding of key mastery indicators. Following a BAM pupils will receive feedback from their teacher highlighting the mastery indicators they have made progress on and their overall level of understanding for that unit of work. Pupils will also be given Dedicated Improvement & Reflection Time (DIRT).

Student's progress is reported using the school wide system of Excellent (E), Good (G), Needs Improvement (N) and Insufficient (I) taking assessment data and teachers' observations in lessons into consideration.

#### **Timings of assessments**

There are approximately two assessments each half term.

### Home study

#### **Expected time allocation for the subject**

Maximum 1x30 minutes each week

Most homework will be set on teams which is accessed through webmail on the Malmesbury School website or via the teams app.

#### **Help for home study**

Students can visit teachers in lunchtime drop in- see the maths drop in posters in maths classrooms for correct days.

[www.mymaths.co.uk](http://www.mymaths.co.uk) Login: Malmesbury, Password: graph

<https://vle.mathswatch.co.uk/vle/>

Login: 19 \_\_\_\_\_@malmesbury (their school login) Password: malmesbury

#### **Additional information about the course**

Students will need to come to lessons with:

Pens and Pencils

Calculator fx-83GT plus (suitable to GCSE)  
or fx-991EX (suitable to A level)

Pair of compasses

Protractor

Eraser

Pencil sharpener

30cm ruler

Highlighter pen

Glue Stick

Safety scissors

Students will be given an exercise book in which to complete classwork, homework and assessments.