

## **ABLE LEARNERS POLICY**

The faculty is committed to challenging every student, whatever their ability, so that they can achieve their full potential.

The pupils are set according to ability early in Year 9 and the top sets study the higher tier at GCSE

At Key Stage 4 the top sets study the Edexcel GCSE Higher syllabus and also sit the **GCSE Statistics** exam. From 2010 the top sets will sit an Additional Mathematics qualification rather than the GCSE Statistics.

At Key Stage 5 very able students can study **A-Level Further Mathematics**, which covers work beyond the A-Level Mathematics curriculum and is extremely challenging.

All schemes of work include extension ideas and activities to be used for classwork and homework.

The faculty identifies able learners using;

- CATs scores and SATs results
- Class tests every half term
- End of year tests
- Ongoing observation in lessons by class teachers

Test and continuous assessment records are collated on the faculty spreadsheet. This facilitates the tracking of individual progress and comparisons with other students, which helps to identify any underachievement.

In the classroom "**Curriculum Extras**" is frequently used. This is a collection of challenging questions and puzzles, often with multiple-choice answers. Able learners respond particularly well to **open ended tasks** and **investigations**, which are encouraged and always included in schemes of work.

ICT is widely used as a tool for challenging the more able. There are many excellent **websites for interactive mathematics** learning, which the students can work through at their own pace, particular use is made of mymaths. Although the pupils are given lists of useful websites, the faculty is working towards developing the school website and including relevant links.

Outside the classroom, A-Level students enter the "**Senior Maths Challenge**" and in Key Stage 4 the more able students are entered for the "**Intermediate Maths Challenge**".

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