

EASINGWOLD SCHOOL MATHEMATICS DEPARTMENT

Member of Staff	Mathematics Teachers
James Heward	Faculty Leader
Mark Stockton-Pitt	Deputy Faculty Leader
Perwez Akhter	Mathematics Teacher
Martin Willan	Mathematics Teacher
Boyd Brad	Mathematics Teacher
Sophia Davroux	Mathematics Teacher
Christine Hake	Mathematics Teacher
Vacancy	Mathematics Teacher
Alison Mapplebeck	Mathematics Intervention Teacher

Accommodation

We have a purpose built Maths department, comprising seven large classrooms (all with ceiling mounted data projectors), one smaller classroom (for special needs groups or as a sixth form tutorial room), an extensive stock cupboard and resource area and a dedicated staff room. Wherever possible teachers are timetabled in their own rooms. We take pride in our display work: all rooms are bright and welcoming, and the covered display boards in the corridor areas help give the block a real maths identity.

We all have a work area in the staff room, which also includes computers, a very large library of journals, textbooks, videos and other photocopiable resources – and a suite of comfy chairs! The members of the department work very closely together and form a strong, collaborative team.

Curriculum organisation

Pupils are usually placed into sets according to their ability. This occurs over half year groups. Reviews and set changes take place two to three times per year. We use information from the feeder primary schools to set year 7 at the start of the academic year.

KS3 is taught from a variety of text books, supplemented by worksheets, investigations and the use of ICT. We have updated our schemes of work to reflect curriculum changes at KS3. Pupils at KS4 in Y10 are currently following the AQA 9-1 GCSE linear syllabus. Lower ability pupils at KS3 follow a modified course linked to the main scheme of work, which then leads them onto Foundation level GCSE or entry level certificate.

We have an increasing number of students taking maths courses in the sixth form where we offer a range of modules from the OCR specification over one or two years. Options offered include Statistics, Mechanics and Discrete Mathematics as well as all the compulsory Core modules. In addition, several students take additional modules for either AS or A level Further Mathematics and this is growing in popularity.

Resources

The department is well resourced. There is a wide range of equipment available; including basic calculators. Autograph, Geometer's Sketchpad and Derive are all installed on the school's intranet, along with many smaller programs from the DLK and SMILE suites. There is also a dedicated Maths page on the intranet. Six classrooms have had ceiling mounted data projectors installed and one has a smart-board.

We have developed our own set of more than 100 starter activities, and our collection of activities for kinaesthetic learners has a similar number. This set of ideas has been made available to other North Yorkshire schools through the county's internet site. The library is particularly well stocked with nearly 400 maths books covering all areas, and each year we extend this collection with newly published books.

Results

Results at Easingwold School are always good although of course there is the aim and potential to increase results further!

In 2015, our GCSE performance remained strong with 80% achieving A*-C rate and 75% making expected progress.

Our A-level performance remained very strong with 82% of A Level students obtaining a grade C or better at A2!

Examination performance is analysed carefully and used to help plan future developments within the department. We are currently in the middle of curriculum changes at KS4 as well as reflecting upon our KS3 schemes and resources.

Teaching and Learning in the Mathematics Department

We are very keen to maintain and develop our own professional skills and the department is constantly sharing good practice – on a daily basis around the coffee table, but more formally during our meetings (which are held every two or three weeks after school).

Hopefully there is enough information above to give you a flavour of the type of department that we are. The team are immensely proud of our accomplishments and all that we achieve with our pupils, and we look forward to being able to welcome a successful applicant to join us.