

## Maths Department

The mathematics department is extremely hardworking and committed to every child achieving their potential. It is very successful with rapid improvements in results over recent years. GCSE results are excellent with 81% of year 11 achieving grade C or above in 2014. Results have been consistently good in recent years with 79%, 80%, 78% and 86% pass rates in 2010, 2011, 2012 and 2013 respectively and these are well above national average. Progress measures are also excellent.

Many pupils also take GCSE Statistics and the current year group achieved a 96% pass rate at grade C or above with 19% at grades A\*/A (pupils who took the exam in Year 10).

The department currently uses the GCSE Edexcel A Course for maths with virtually all students taking the higher tier. The statistics course is also with Edexcel.

The department is staffed by well qualified, specialist, experienced teachers, led by the head of department. As well as the head of department there is a second in department, two full time maths teachers and two other members of staff teach some maths.

The mathematics rooms are well equipped, have stimulating displays and provide an excellent learning environment. The mathematics curriculum is enriched with many extra curricular activities including a Maths Club for year 7 and 8 pupils, Booster Classes for GCSE students, competitions, puzzles and visits to Keele University Maths Department. The Half Term Study days provided immediately before key GCSE exams are always appreciated and well attended.

The department has delivered exciting and innovative projects as part of Creative Learning Week which in 2014 included collaborative projects with both the History and Technology departments. The Eureka project explored maths in Ancient Greece and 'The Egg Race' involved using skills in maths and technology to solve practical challenges. A range of unique themed learning events such as African Maths Day, a Code Breaking Challenge Day, Fairtrade Maths and Olympic Maths have all proved popular and stimulating.

Successes have been achieved in the UK Mathematics Challenges at both Junior and Intermediate Levels with Gold, Silver and Bronze awards all being gained.

Mathematics is a strong, innovative and forward thinking core subject department, ready to meet the challenges posed by the evolving modern education system.