



The Maths Department

The Weston Road Academy is proud to have formerly been a Specialist Mathematics and Computing School and has continued to build on this strength in recent years. The Mathematics department is led by a strong and committed team of teachers. At the heart of the department is a drive and determination to open minds. We are a busy and forward looking department that always wants to build on our strengths and to broaden our capabilities. We are supportive of each other and often work collaboratively.

As a department, we have good relationships with our students. Clear expectations are set regarding work and behaviour and when these are not met, there are systems in place to help staff and pupils alike.

Curriculum Structure

The school operates a 30 period week, with lessons of 50 minutes. In Years 7 and 8, pupils are taught in half year groups but are set according to ability. In Year 9,10 and 11 pupils are set across the entire year group to form six classes. All pupils experience four periods of mathematics each week, with the exception of Y10 who have five. Those pupils requiring extra support are well served by the SEN

department and we benefit from having our own higher level teaching assistant. At Key Stage 3 pupils follow the National Curriculum for Mathematics. All pupils on roll are entered for GCSE Mathematics. All pupils follow the Pearsons (Edexcel) linear syllabus, sitting their exam at the end of Y11. Post-16 courses offered include AS and A2 Mathematics (Edexcel), traditionally with statistics and decision mathematics as the application modules. Some pupils are given the opportunity to study AS Further Mathematics.

Enrichment

The department takes part in a number of initiatives that support the Academy House system. This includes running both mathematical and non-mathematical clubs and competitions.

UKMT challenge is offered to the more able pupils at all key stages. Cross-curricular links are explored where appropriate. Our Gifted and Talented Y8 pupils visit a local university to attend Master-classes. The department is always seeking new and innovative ways to enrich pupils' mathematical experiences.



Resources and Accommodation

Maths is taught in a suite of rooms and has its own departmental office. Teachers are issued with laptops and there are interactive whiteboards in all of our classrooms. The department has a variety of software, including Numeracy Workout and Maths Workout, and subscribes to websites such as MyMaths and Mathsbox. We have worked hard to develop our own resources for use with the interactive whiteboard. The department also has a set of interactive remote controls (Quizdom) regularly used by all members of the department. We are constantly trialing and developing resources to meet the needs of our learners, with current initiatives being mathematical literacy, stretching our most able and Emotional and Mental Health. Ideas, expertise and resources which support our detailed schemes of work are regularly shared.

Results

The department has consistently achieved positive residuals.

KS3 results show 88% achieved L5+, 73% L6+ and 34% L7+, with 72% of pupils making two or more levels progress from KS2 to 3.

KS4 results show 99% of those entered gained a Maths GCSE grade A*-G in 2015. The percentage of pupils achieving grades A*-C was 64%, with 58% of pupils making expected or more than expected progress.

Post 16 results show 100% pass rate in A2 in 2015. The percentage of pupils achieving A/B grades at A2 was 43% of entries, with no pupil achieving less than a C.

Staff

The teaching and support staff are currently:

Neil Everill – Subject Leader in Mathematics

Anna Scott – Ass. Subject Leader in Mathematics, Ass. Head of VI form

John Hackett - Teacher of Mathematics, SENCO

Leah Roberts – Part-Time Teacher of Mathematics

Ann Kingman – Teacher of Mathematics, Vice Principal

Richard Martin – Teacher of Mathematics, Ass. Head of House (Mandela)

Lynne Pringle - Higher Level Teaching Assistant

Chris Else –Teacher of Mathematics, Ass. Head of House (King)

Hayley Harrison – Part-Time Teacher of Mathematics

