



Hall Park
Academy

MATHEMATICS AT HALL PARK ACADEMY

The Mathematics Faculty comprises a team of seven highly motivated professionals led by the Head of Faculty. The team is committed to enabling all students to maximise their potential by developing a deep and secure understanding of mathematics through engaging, challenging and enjoyable lessons. The faculty fosters a supportive and collaborative environment, with teaching and learning at the heart of its work, and staff are actively supported in continually developing and refining their practice.

As part of the Redhill Academy Trust, we have formed excellent relationships with other Trust schools, which allows us to engage with CPD through the Redhill College of Leadership and Development.

Key Stage 3

Students are taught in ability sets from Year 7 onwards, enabling appropriate support, stretch and challenge for all learners while maintaining high expectations for the progress they can achieve. At Key Stage 3, students follow a carefully sequenced three-year curriculum aligned with the National Curriculum. The curriculum is structured to maximise opportunities for as many students as possible to access the higher tier at GCSE.

Students receive three hours of teaching per week in years 7 and 9 and 4 hours per week in years 8 and 9.

Key Stage 4

As at Key Stage 3, students are taught in ability sets at Key Stage 4, enabling them to follow the AQA linear specification. Where possible, teachers continue with their classes across the key stage to ensure consistency and strong relationships during these crucial examination years. A variety of highly structured and successful intervention programmes are also in place at Key Stage 4 to support the whole school priority of raising attainment and progress of students in English and Maths.

The AQA Level 2 Further Maths qualification is also offered to our highest attaining students in year 11 to supplement their work for the GCSE qualification as well as preparing them for further study of mathematics at a higher level. Students receive four hours of teaching per week during years 10 and 11 to allow plenty of time to cover the course and provide revision for the terminal examinations.

Key Stage 5

Our sixth form students currently follow the AQA syllabus, studying units in Core Mathematics, Statistics and Mechanics. We also offer Further Mathematics to appropriate students, studying units including Further Pure Mathematics, Mechanics and Discrete. Teaching at key stage 5 involves engaging and challenging activities that are used to interest and enthuse students as well as developing understanding and practicing the skills that are required. This is in





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conjunction with promoting independence and the rigor needed to be successful in post-16 mathematics.

Our order of learning for both A level Maths and Further Maths are designed in a way to ensure prior knowledge needed for Further Maths is taught well in advance to ensure students are ready to build on this and can succeed in the Further Maths qualification.

Students at all levels can access support with homework or with work from lessons through our weekly after-school drop-in session known as 'Maths Clinic'. This provides students with an informal environment where they can get help or complete extra work including problems for those students who are confident and enjoy extra enrichment. It has regularly been one of the best attended co-curricular activities at the school.

