



Founded 1548

**MAGDALEN
COLLEGE
SCHOOL
BRACKLEY**

Magdalen College School, Brackley is an 11-18 co-educational comprehensive school of approximately 1,500 students. It serves a large rural catchment area in South Northamptonshire.

The Science Faculty comprises fourteen laboratories, five of which are situated at St John's and nine on the Waynflete site. Each site has a preparation room and other storage areas. In addition the Waynflete site houses a vibrant and well equipped team room.

The Staff

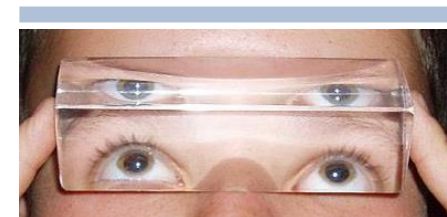
The Faculty consists of eleven members of teaching staff and four technicians. We work closely with the Oxford University Department of Education in training interns each academic year. The Faculty has a hard-working but supportive ethos with an unrivalled sense of team spirit. We are committed to teaching and learning and regularly promote innovative practice, both in terms of our teaching and our use of practical activities to enhance learning.

ICT

The Science Faculty believes that the effective use of ICT promotes effective teaching and learning. All our laboratories have internet access and data projectors. We possess and regularly use a wide variety of electronic resources in our lessons, including digital video clips, animations and PowerPoint presentations alongside the use of Carousel to support the setting of homework. Much of our inter-faculty communication is via email including the placing of orders with our technicians.

Technician Support

The MCS Science Faculty is supported by a team of four highly trained technicians, each with their own expertise. All technicians have KS3 & KS4 Physics, Chemistry and Biology knowledge. The technicians play an active role within the Faculty contributing their skills and practical knowledge as required, both within and outside of lessons, providing an effective and valuable service to all science staff.



SCIENCE



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Key Stage 3

For KS3, all students receive fundamental knowledge of the three sciences in preparation for GCSE. With our own, recently produced, in house curriculum we ensure that all students are able to develop the practical and thinking skills ready to give them freedom for either combined or triple science at GCSE.

Key Stage 4

MCS has a highly motivated Key Stage 4 team and this is reflected in the consistent achievement of excellent results in GCSE science. We are an inclusive faculty and enter all students for GCSE Science. We have chosen to adopt the Edexcel Science syllabus. This reflects our ethos of delivering challenging, engaging and student centred learning in order to provide an exceptional education for all. In addition it features a wide range of practical activities for students. Approximately a third our students select GCSE triple science, and the majority of the remaining students complete GCSE Combined Science.

Key Stage 5

At KS5 we offer A-level Biology, Chemistry and Physics with a high uptake of enthusiastic students. With the 100 minute lessons at Magdalen, the opportunity to complete practical work and more in-depth studying is one the staff and students in the faculty appreciate.

Extra-curricular Activities

The faculty is proactive in providing extra-curricular activities in the form of STEM club to bring together key skills from a variety of subjects and is open to all GCSE and Sixth form students.

Life as a teacher in the Science Faculty at MCS

"Life can prove to be quick-paced in any school, but the Science Faculty at Magdalen College School provides a friendly and extremely supportive environment in which to work. Without exception, all staff in the faculty are passionate about ensuring students learn as effectively as possible, using practical activities whenever possible.

Should you have any further questions do not hesitate to contact us. We look forward to receiving your application.

