

## Magdalen Science Faculty 2020

Magdalen College School, Brackley is an 11-18 co-educational comprehensive school of approximately 1,200 students. It serves a large rural catchment area in South Northamptonshire.

The Science Faculty comprises twelve laboratories, five of which are situated at St John's and seven 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 twelve members of teaching staff and three technicians. We work closely with the Oxford University Department of Education training up to four of their interns in an 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, and either possess interactive whiteboards or wireless mice and keyboards. We possess and regularly use a wide variety of electronic resources in our lessons, including digital video clips, animations, PowerPoint presentations and a handheld voting system. Our digital resources for lessons are now approaching half a terrabyte! 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 three 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.

### 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 addition it

features a wide range of practical activities for students. Approximately a third of our students select GCSE triple science, and the majority of the remaining students complete GCSE Combined Science.

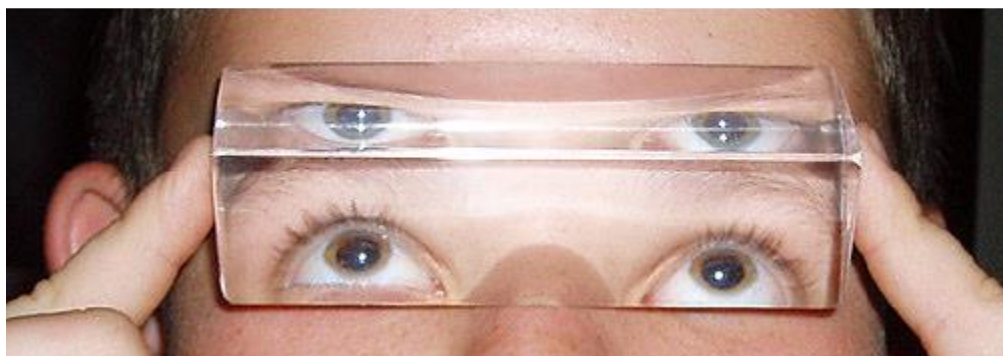


### KS5

At KS5 we offer A-level Physics, Chemistry and Biology. The uptake continues to increase annually.

### Extra-curricular Activities

The faculty is proactive in providing extra-curricular activities both to support the syllabus and to prepare students for exams. These range from a Key Stage 3 Science Club to dedicated revision sessions for all exam year students. These extra-curricular activities have led to a very positive and productive relationship between all our staff and 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.

The school also provides an excellent professional development programme and will do everything it can to make sure that your time at Magdalen is as enjoyable and fruitful as possible."

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

