**Welcome to the Science Faculty**

The Science Faculty is a dedicated team of professionals who are dedicated to providing every opportunity for our students to develop as scientists both in the context of their curricular learning and in their appreciation of the world around them. The ethos is one of delivering the curriculum based around practical hands-on science and learning through exploration and investigation, which we believe enables our students to become more independent learners in preparation for the courses studied. We seek to probe students’ understanding through open questioning and create as many opportunities as possible for students to describe their scientific thinking in a variety of ways, including more traditional methods such as written and group work. We have an active Science Ambassador program for students that want to develop leadership and participate in an extra curricula program.

We are therefore looking to employ a dynamic and confident team player who is committed to making Science enjoyable and accessible to all and who can continue to move the Faculty further forward.

**STAFFING**

We are currently a team of 5 full time and 3 part time specialist teachers of whom two are a Physics specialist, two are Chemistry, four are Biology. Support is provided by two Technicians - one full time and the other part time.

**CURRICULUM OFFER**

At Key Stage 3 we follow the AQA Kerboodle, designed to complete the Key Stage within two years following the successful delivery of GCSE Science during Year 9. At Key Stage 4 we offer a range of courses which enables us to match each student to a progression route best suited to their needs. The following courses are on offer at the present time: AQA Combined Science Trilogy, AQA Separate (Triple) sciences, AQA Entry Level Certificate.

**FACILITIES**

The Science area occupies a relatively new section of the school where we have six fully equipped laboratories, two prep rooms, storage facilities and a Science office which is used flexibly as a staff room and teaching space for work with small groups or individuals. We have shared access (with Maths) to a set of 30 wireless laptops, a desktop PC in each lab, video and stills cameras, audio recording equipment, interactive whiteboards and visualisers throughout. Laboratories and the prep room are well resourced.

**EXTRA CURRICULAR ACTIVITIES**

The Faculty runs an ‘open door’ system which enables all students to seek support from any member of staff at any time during lunch or after school. This is particularly popular with our Key Stage 4 students who value the flexibility of the Faculty which enables them to schedule their Science support around that provided by other Faculty areas. We also run a very successful and national winning Lego Engineering club, an allotment club and Kit car engineering club.

**ACHIEVEMENTS**

Our results have been consistently above national achievement for most of our Key Stage 4 courses.

**KEY PARTNERSHIPS**

We have links to all of our feeder primary schools and are looking at offering placements to two SCITT/PGCE trainees.

Dr Matt Frost – Head of Science Faculty.