**The Science Faculty**

The Science Faculty consists of 12 teachers and 2 laboratory Technicians, working in a cohesive, dedicated effective team.

Cathy North Biology- Current Faculty Leader

Steve Jones Chemistry- Assistant Faculty Leader: Teaching and Learning

Kate Webster Biology- Assistant Faculty Leader: Data and Intervention (Mat leave)

Ruth Rothwell Physics- Acting Assistant Faculty Leader: Data and Intervention

Saorise Altham Chemistry

Nafis Dayala Physics

Elizabeth Hilton-Peet Biology- part time

Alex Jordinson Chemistry- Deputy Head

Carol Keaskin Science- part time

Matthew Lack Biology- ECT

Nick Long Physics

Claire Smith Chemistry

Technicians Liam Johnson & Annette Walker

The Aims of the Faculty are:

* To ensure that every student, regardless of ability, reaches his/her full potential
* To promote a love of Science and a genuine interest in the world around us and how it works.
* To develop skills, an enquiring mind and an analytical approach leading to students becoming responsible, resilient, active citizens, and consequently to meaningful opportunities in the world of work.

Year 7 are taught in mixed ability classes while Years 8-11 are set according to ability which is regularly reviewed. KS3 students are taught Science and KS4 students are taught Biology, Chemistry and Physics by specialist teachers from January Year 9. The top two sets in Year 9, 10 and 11 are taught Triple Science while all other sets are taught Trilogy Science.

Year 7 and 8 students undertake 6 lessons of Science a fortnight, Year 9 students undertake 9 lessons split into Biology, Chemistry and Physics and Year 10 and 11 students undertake 12 lessons split into Biology, Chemistry and Physics.

The Science Faculty aims to promote a love of Science and investigation. We value both the knowledge of the Scientific World around us and the skills to be able to investigate it. We hold events throughout the year to include Science in careers, Science week, STEM clubs, the Faraday challenge and Year 9 undertake half a term of enrichment based on the COSMOS videos initially made by Carl Sagan and remade for the present Scientist.

Our Schemes of work are based on the 10 Big ideas of Science and these can be traced through all Key Stages. The order of work is regularly reviewed and new resources constantly added. All students have a Kerboodle account, access to a virtual textbook, use of SENCA learning, GCSE Pods and teachers are subscribed to Teachit. All year groups actively use knowledge organisers at school and at home.

Ideas are shared extensively throughout the department and shared good practice sessions are held regularly in the department. These include moderation, looking at EEF teaching strategies, Disciplinary Reading and SEND.

The Faculty leadership undertakes half termly monitoring to include drop ins, learning walks, work scrutiny and student voice. A ‘deep dive’ QA is undertaken by SLT once a year.

The Science staff are a friendly, hard working, close-knit team, supportive of one another and showing a deep seated love for their subjects, imparting that love to their students. They are a pleasure to work with and are looking for a new talented professional to lead the faculty.