

Science Faculty

The Faculty, which boasts a supportive and hardworking staff, is a forward looking, successful and thriving part of Rainhill High School. It intends to continue to embrace the new initiatives that will help to raise its achievements and meet its aims.

Faculty Aims

- To provide, through the exploration of Science, a coherent educational experience for all students.
- To stimulate curiosity, interest and enjoyment in science and its methods of enquiry
- To contribute, through these aims, to the School Aims.

Facilities

The faculty is housed across 2 buildings with all laboratories refurbished in summer 2011. There is a classroom, 3 laboratories and an IT suite in the sixth form building and 6 laboratories and 1 classroom in B block. All teaching rooms have full interactive white boards

Staffing

The teaching staff in the faculty span a broad spectrum of experience. The Science Faculty is well supported by a team of technical staff.

Ms. Elisabeth Lockyer Head of Faculty

Mr Steven McGhee Lead Practitioner

Physics Department

Mr. Anthony Slocombe Head of Physics and Core Science

Ms. Debbie Barker

Ms. Wendy Trelfa (Part time)

Ms. Niamh O'Connor

Biology Department

Dr. Gareth Pugh Head of Biology and Additional Science

Dr. Lyndsey Gordon Head of Vocational Science

Ms Angela Moore

Ms. Elizabeth Williams

Chemistry Department

Dr. Beswick Head of Chemistry, Data and Timetabling
Ms.Hesketh Head of KS3 Science
Vacancy
Dr. Neil Fairhurst (Part time)
Mr. Geoffrey Potter

LFC Link Teacher

Ms. Elizabeth Williams

Technical support

Mr. John White Senior Technician
Ms. Lynette Scattergood (Part Time)

Curriculum

KS3

Students are taught as form groups during year 7 and set on ability at the beginning of year 8. They have 3 lessons of Science a week and have one science teacher who delivers Biology, Chemistry and Physics. We follow departmental schemes and assess using block tests on a termly basis.

KS4

The school has a 3 year KS4. GCSE Science is taught to the AQA specification and students study Core and Additional Science, unless they opt for Triple award. GCSE Science is delivered by Subject specialist teachers with the exception of the C/D borderline group which have one teacher who delivers Biology, Chemistry and Physics.

BTEC level 2 Applied Science is offered to students who are better suited to a vocational route.

KS5 Science at Rainhill Sixth-Form Science Academy.

In year 12 and 13 the three sciences are popular and successful options. They are led by experienced Heads of Department and taught by subject specialist teachers. In addition to the traditional A-levels, BTEC level 3 Applied Science is offered and its vocational, work based, focus has proved successful and engaging, allowing more students to carry their Science studies into the Sixth Form.

2011 saw the launch of the Rainhill Sixth Form Science Academy which allows students to enhance their university applications through adding to their Science experience of Sixth Form life through a range of visits to industry, master classes, EPQ, extended research; and have work placements with key science based employers

Ms. E. Lockyer

Head of Science