



Science Faculty

Faculty Vision *'To work together as a team with pupils, parents and within the wider context of the school to bring the very best Science education to each and every one of the learners at Rainhill High School. To promote outstanding science across all key stages for all students'.*

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 in B block having been 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

2015 Results

	GCSE		AS		ALPS	A2		ALPS						
Biology	A*/A	62.8	A*-B	8	7	A*-B	50	5						
	A*-C	97.7	A*-C	28		A*-C	100							
Chemistry	A*/A	62.8	A*-B	23.5	7	A*-B	67	2						
	A*-C	97.7	A*-C	35.5		A*-C	83							
Physics	A*/A	68.9	A*-B	57	2	A*-B	40	5						
	A*-C	100	A*-C	57		A*-C	80							
Core	A*/A	17												
	A*-C	82												
Additional	A*/A	12												
	A*-C	74												
BTEC Principles	P/M	100%												
BTEC Applications	P/M	100%												
BTEC L3 Sub Dip									D/D*	100	2			
BTEC L3 Dip									D/D*	100	2			

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 and all GCSE Science is taught to the AQA specification. Approximately 60 pupils take Single Sciences (Biology, Chemistry and Physics) which are delivered by subject specialist teachers. The remaining 180 pupils follow the Double Science Pathway, these pupils are set based on ability and have one teacher who delivers all Biology, Chemistry and Physics

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