Wootton Upper School
WOOTTON ACADEMY TRUST
Kimberley College

The Science Department

Wootton Academy Trust operates both Wootton Upper School and Kimberley 16-19 STEM College (in the nearby village of Stewartby). The two institutions are 3 miles apart and linked by a shuttle bus.

Wootton Upper School focuses its teaching on students in Year 9-11; virtually all of the Trusts' Sixth Form teaching takes place at Kimberley College.

Kimberley College 16-19 STEM College opened in September 2013. The College was inspected in January 2017 and judged good in most areas and outstanding in personal development and well-being. All of the sciences are popular at A Level with two groups in Physics and in Chemistry in Year 12 and also Year 13. There are a range of science enrichment activities that take place at Kimberley College.

Wootton Upper School was inspected in November 2017 and received a very positive report. The school was judged to be good in all areas. The Science department was re-organised as part of a Trust wide review of responsibilities in the spring and summer of 2015. This was undertaken to enable greater specialism to be developed within departments and for more effective quality assurance. Consequently, science was re-organised into separate teaching teams of Biologists, Chemists and Physicists. Each of these has a subject leader. Year 9 students are largely taught by just one science teacher.

Our main science accommodation of six laboratories and prep room has recently received a £1million refurbishment. Phase one was completed in August 2017 and phase two was completed in January 2018.

Our team of science teachers are all specialists and all work hard for our students. Many teachers work across the 13-19 age range and therefore, teach at both Wootton Upper School and Kimberley 16-19 STEM College. A minority teach only at Wootton Upper School or at Kimberley 16-19 STEM College.

There are three science technicians and two laboratory assistants who work hard to service all the laboratories across the Trust.

In Year 9, all students have six hours of science per two-week timetable cycle. In Years 10 and 11 the majority of students are taught Combined Science. However, approximately a third of the year group opt for Triple Science. Combined Science students have nine hours of Biology, Chemistry and Physics per timetable cycle. Students choosing triple science have a further five hours of science lessons per timetable cycle.

In the sixth form, each A level block is allocated five double periods per two-week timetable cycle along with a further double study period.

2017 Examinations results are as follows:

	A*	A	B	C	D	E	F	G	U
GCSE Core Sciences	2	28	66	74	28	24	10	3	0
GCSE Additional Sciences	7	28	63	0	0	0	0	0	0
GCSE Biology	17	26	25	13	2	0	0	0	0
GCSE Chemistry	18	25	24	13	3	0	0	0	0
GCSE Physics	13	21	22	25	2	0	0	0	0

83% of students achieved 2 or more GCSE passes at A* - C. Additionally, 26 students studied BTEC Science, 25 passed at Level 2 and 1 passed at Level 1. In 2017 the progress measure for Science very positive.

	A*	A	B	C	D	E	U
A Level Biology	2	6	6	8	9	5	0
A Level Chemistry	1	7	11	3	8	4	0
A Level Physics	2	2	7	2	4	5	3

2017 ALPS A2 grades are: Biology 5; Chemistry 5; and Physics 6.

For further information on the Science department please contact Mrs Shreeja Ashton, Assistant Principal sashton@wootton.beds.sch.uk