The Science Department at Imberhorne School

The Science Department is a forward thinking and enthusiastic group of staff. The Head of Department is currently supported by; Heads of KS3, Biology, Chemistry, Physics. There are currently 15 members of staff teaching over the two sites in the science department. Most staff are primarily based at either the KS3 or KS4 site with only limited commuting between the two sites.

At Key Stage 3 we have developed our own Schemes of Work. The SOW are regularly updated by the team to make best use of the range of expertise available as well as to constantly build and develop successful pedagogy. Students in year 7 and 8 are taught in mixed ability form groups. In year 9 there are three bands, in each we have a top set and then three mixed ability sets. We believe that this enables students to work at an appropriate level of challenge and support, whilst not ‘labelling’ them too early on. Results are excellent with 90+% of pupils achieving level 5+ and roughly 30% achieving level 7.

At Key Stage 4 all students are entered for at least double GCSE. Currently we deliver AQA Combined Science or the separate triple sciences at Higher or Foundation level as appropriate. Students learn in ability sets; there are two bands of 6 and 5 classes. Last year a good proportion of students in year 11 achieved A or A\* grades with 74% of all students achieving grade C or higher. Each of the labs has PC/projector and interactive whiteboard.

Uptake of science A levels is high in the sixth form. This year we have 3 Biology, 3 Chemistry, 2 Physics and 3 BTec Applied Science groups in the sixth form.