

Science and ICT Department

The newly created Science and ICT department delivers separate Sciences at KS4, Computer Science and GCSE ICT as well as the combined Double Science GCSE qualification at KS4.

At KS3 pupils follow the Exploring Science Scheme with assessments throughout the year. The seven Science staff cover the 3 Science disciplines at KS3, whilst the four ICT specialists cover all elements of ICT teaching. There is a formal end of KS3 test is carried out in May for all Y9 pupils.

Both the Science and ICT Departments are currently successful and well-resourced departments. There are eight science laboratories all of which have access to audio-visual equipment and ICT provision. The department is also equipped with a set of 30 netbooks for our exclusive use. The eight laboratories are split between two buildings and three prep rooms. There are two technicians that support the technical provision within Science and two ICT technicians to support provision across the whole school. There are also seven ICT suites of 24 PCs across the school with two additional smaller suites and our Mac Suite of eight PCs.

Teaching and learning have been the focus of staff development with many exciting initiatives being introduced into these areas. At KS4 Biology, Chemistry and Physics are taught by specialist teachers and all staff are able to teach a second Science discipline to KS4 level. All KS3 students have 3 hours a week learning Science, with an hour a week of ICT. All of KS4 have a double option of 5 hours a week of Science with ICT and Computer Science being part of the Options process and offered as a single option choice. The separate Sciences have are allocated an additional option place if students wish to follow this course.

The Science and ICT Department values pupils' participation in extra-curricular activities. We lead and take part in Enrichment days during the year that involve collaborative activities using Science, Information Technology and Engineering with the Design and Technology department.

This is an exciting time to join the school and the department. The Science and ICT department forms a cohesive and supportive group and will welcome the input of an additional enthusiastic and innovative teacher. The successful candidate will find a culture of realistic self-evaluation within the department and subsequently a desire to constantly improve and push the boundaries of our performance. This is an excellent opportunity for a new teacher to work with a strong team to make a real impact upon pupil progress. Further opportunities for staff development are promoted within the department and the school as a whole. If you would like further information or to discuss any aspects of the post then please contact me at the school.

Helen Whalley - (Helen.Whalley@murraypark.derby.sch.uk) - **Head of Subject: Science & ICT**

Susan Afford (Susan.Afford@murraypark.derby.sch.uk) - **Head of Science**