

An INTRODUCTION TO THE SCIENCE FACULTY

The Science Faculty has undergone considerable change since the appointment of a new Curriculum Leader in September 2005. The team now comprises 7 full time teachers, one part time teacher and 3 technicians. The team is a good mix of junior teachers for whom Moor End is their first post, alongside staff with many years' experience. The successful applicant will join a faculty which is successful within the school, as well as when compared to other Science Faculties in Kirklees and nationally. The Faculty is well supported by a science-based ETA and administrative support.

Results in science continue to improve and are amongst the best in the school, achieving above national averages in terms of 2 A*-C, and A*/A in single sciences. In 2009 the GCSE results were the best ever with 57% of pupils leaving with 2 Science grades at A*-C and 100% of Triple Science pupils achieving A*-C (many of whom achieved A*/A). Pupils enjoy Science lessons and are keen to do well, many of them having aspirations to study science post-16. In 2010 we expect approximately 60% of students to achieve 2 A*/C. We are one of the highest performing Science faculties in the Authority and all science subjects taught at GCSE achieve positive R.P.I.s.

At Key Stage 4 the Faculty follows a range of courses based upon the OCR 21st Century Science Suite. One class of pupils studies Separate Sciences; results for these pupils are excellent with approximately half the group achieving A* and A grades.

Other pupils in Year 11 choose from Additional Science or Additional Applied Science. Entry level is also offered alongside GCSE entry for one class.

Pupils work hard and are given the support they need to ensure they achieve their school targets, with many teachers running after school sessions and holiday boosters. A full range of intervention strategies are employed to ensure pupil progress is very good.

At Key Stage 3, results have also risen sharply in recent years:

67% of pupils achieved a teacher assessed level 5 or above

35% achieved a level 6 or above.

Key Stage 3 runs from Year 7 until Xmas of Year 9, with Key Stage 4 beginning after Xmas. Pupils follow schemes of work written "in house". These incorporate a good mix of different activities as well as AfL and APP opportunities. Part of the successful candidate's role will be to lead on developing, improving and co-ordinating these schemes, as well as embedding and developing APP in the Faculty at Key Stage 3.

The Faculty offers a range of enrichment activities, including trips and visits, Science Club, Robot Building, entering teams for competitions as well as a range of STEM activities. All staff in the Faculty are expected to lead enrichment activities and we are looking to further develop parental engagement in science.

Classroom management is excellent and when incidents do occur they are effectively dealt with.