**SCIENCE DEPARTMENT INFORMATION FOR APPLICANTS**

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| **1. Aims of the Department** |
| We strive to deliver for our young people a challenging and inspirational curriculum they will need to prepare them for the ever changing world they will find themselves in;- they will have an experience they will never forget.We are keen to work as a team to develop and share the best schemes of learning and resources for our students. We aim to offer a curriculum that will stimulate and support each indivdual in fulfilling his or her potential. We hope to enable each of our students to become well-motivated and scientifically aware citizens. |
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| **2. Facilities and Resources** |
| * From February the science department will be moving into a brand new purpose built facility consisting of 13 laboratories and 3 prep rooms.
* All laboratories have data projectors.
* There are two class-sets of laptops for exclusive use within the Department. We also have a digital camera and five ‘Flip-Cams’ for use in teaching as well as data logging equipment.
* Three laboratories and two prep rooms contain fixed fume cupboards. There is also a mobile fume cupboard.
* Three technicians provide support with materials and equipment for all lessons.
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| **3. Curriculum Outline** |
| We use ‘Exploring Science’ materials as the basis for our Scheme of Work in years 7 and 8, with adaptions made to develop investigative skills ready for GCSE. We have a two year key stage 3 meaning that our Year 9 groups start studying some of the content for GCSE science. At Key Stage 4 students study GCSEs from OCR Gateway Suite. The majoirity of our students follow the GCSE 9-1 combined science course with all examinations taking place in year 11. However, Triple Science is a popular option where students study GCSE Biology, Chemistry and Physcis. We have produced exciting and stimulating schemes of work, which we continuously improve, offering a variety of teaching approaches to suit all learning styles and abilities and making good use of the resources and facilities available. We offer AS/A2 courses in Physics (Salters-Horners), Chemistry (Salters), Biology (OCR), and Health and Social Care (BTEC). |
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| **4. Opportunities for Career Development** |
| As a member of staff within Science you will be fully supported in developing your career. Two of our more recent NQTs have been promoted to departmental and whole school responsibilities within three years of starting at the school. All members of the department take a full part in curriculum decision making and implementation. |
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| **5. Extra Curricular Provision** |
| Visit to ‘GCSE Science Live’ show for Year 10 and 11 studentsPhysics A’level trip to CERNLots of activities to promote ‘National Science and Engineering Week’ and ‘Jeans for Genes Day’We would anticipate that any new members of staff would be willing to help with this provision. |