**Job Description – Science Technician**

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| **Job Title** | Science Technician – Biology and Chemistry |
| **Grade** | Scale 3 Point 4 |
| **Reports to** | Head of Science |
| **Job Purpose** | To provide technical support to the Science department. |
| **Duties** | To ensure the satisfactory provision of technical assistance to the Science department. The nature of technical support requires close team co-operation and a willingness to adopt flexible working arrangements. |
|  | 1. to ensure that science lessons are promptly and adequately serviced by providing requested materials and apparatus organised to facilitate the smooth running of the lesson, and by clearing laboratories at the end of the lesson; 2. to maintain apparatus in working condition, reporting faults in apparatus, electrical equipment, fixtures or fittings that need specialist repair to the Senior Technician; 3. to check levels of stocks and equipment, requesting replacement and additions from the Senior Technician in good time so that orders may be placed; 4. to assist with annual stock taking in the Science Department; 5. to maintain books and lists as requested by the Head of Department; 6. to carry out work with due regard to safety, applying regulations of which they have been made aware and seeking guidance from the Senior Technician when necessary. Advising teaching staff whenever possible; 7. to assist with annual safety checks of all electrical apparatus and other annual reports relevant to the Science Department; 8. to assist with and advise on the development of practical investigations, testing practical investigations when time allows; 9. to check suitability of room for requested apparatus, arranging room changes where necessary; 10. to ensure that authorised absence is covered by making suitable arrangements in advance; 11. to identify training needs and report these to the Senior Technician and the Head of Department; 12. to carry out such other tasks as may be agreed from time to time;  * to assist with training of new technicians; * to be involved in the development of CTTC students attached to the school as   part of the Colchester-based programme. |
| **General** | 1. To undertake any training commensurate with the post. 2. To participate in the performance and development review process, taking personal responsibility for identification of learning, development and training opportunities in discussion with line manager. 3. To comply with individual responsibilities, in accordance with the role, for health & safety in the workplace 4. Ensure that all duties and services provided are in accordance with the School’s Equal Opportunities Policy 5. The Governing Body is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share in this commitment. 6. The duties above are neither exclusive nor exhaustive and the postholder may be required by the Executive Principal to carry out appropriate duties within the context of the job, skills and grade. |
| **Health and Safety** | Under the Health and Safety at Work Act 1974 all employees are responsible for:   * Looking after their own safety and the safety of others affected by their work * Co-operating with the School, by following safe working practices and carrying out their health and safety responsibilities as detailed in the School’s policies, risk assessments and health and safety standards. * Reporting to their line manager any hazards they identify and any inadequacies in health and safety procedures. * Taking part in any health and safety training and development identified as necessary by the Executive Principal or their Line Manager. * Using work equipment provided correctly, in accordance with instructions or training. * Ensuring that if they organise projects or activities involving pupils or other non-employees, risks are assessed as part of the planning stage and control measures implemented. * Reporting health and safety incidents, in accordance with the School’s health and safety Incident Reporting Procedure. * Contributing to the safety education of students through the formal and informal curriculum. * Ensuring that any visitors in their care follow health and safety instructions. * Effective supervision and safety of students under their care. This includes ensuring that students follow health and safety instructions. |

**Person Specification**

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| **General Heading** | **Detail** | **Examples** |
| Qualifications and Experience | Specific qualifications and experience | Experience of working in a science laboratory  A knowledge of Biology/Chemistry is desirable  Previous experience of working in an educational establishment desirable |
| Literacy | English to GCSE Grade C and above |
| Numeracy | Maths to GCSE Grade C and above |
| Communication | Written | Ability to write detailed reports, letters etc. |
| Verbal | Ability to exchange complex and sensitive information clearly with children and adults |
| Listening | Ability to actively listen and seek to overcome communication barriers |
| Negotiating | Ability to consult effectively with children and adults |
| Confidentiality | Ability to keep information confidential |
| Working with Children | Behaviour Management | Understanding and implementation of school behaviour management policy |
| SEN | Understand and support the differences in children and adults in relation to Science |
| Curriculum/School Organisation | General understanding of the school curriculum and organisation structure and the importance of Science |
| Child Development | Understanding of how Science contributes to the way in which children develop |
| IT Skills | Ability to use IT such as Word and Excel |
| Child Protection & Safeguarding | Basic understanding of requirements and responsibilities under Child Protection & Safeguarding |
| Health and Well Being | Understand and promote the value of emotional and physical well-being in adults and children  Take responsibility for own well-being |
| Working with Others | Working with partners | Ability to form effective relationships with those working in and with school external partners |
| Relationships | Patience and the ability to deal with a wide range of demands from a variety of people  Ability to establish rapport and respectful, trusting relationships  Ability to build open and honest relationships |
| Team Work | Work effectively as part of a team  Ability to work independently  Know how and when to seek support |
| Information | Ability to provide clear, timely and accurate information |
| Equalities | Demonstrate commitment to treating all people fairly |
| Skills | Organisational and Time Management Skills | Good organisational skills  Ability to prioritise work and manage own time effectively  Flexible attitude to day to day tasks |
| Time Management | Ability to plan and manage own time effectively |
| Creativity | Ability to follow instructions  Ability to resolve problems independently |
| CPD | Demonstrate commitment to own and others professional development |