



### Job Description

**JOB TITLE** Senior Science Technician

**JOB FAMILY** Technician

**PHASE** Secondary

**REPORTING TO** Head of Science

**RESPONSIBLE FOR** Science Technician

### Job Purpose

The Senior Science Technician is responsible for the technical disciplines of experimental and practical work. Line manager the Science Technician team.

The Senior Science Technician will deliver learning to students by providing technical advice and support in the practical and technical aspects of the curriculum by preparing, providing, maintaining, organising and managing resources for safe and secure practical work. Demonstrate and teach practical skills. Servicing the lesson work of students in designated technical teaching areas (laboratories, workshops).

### Duties and Responsibilities

#### Key Accountabilities

- Manage, supervise and develop a technical team ensuring they are resourced, skilled and performance managed to provide departmental technical support.
- Support the Executive Principal/Head of Faculty/Subject Manager in the recruitment and retention of staff.
- To lead the design and development and maintenance of specialist resources for long term projects offering specialist professional guidance as appropriate.
- Manage requests for technical equipment and resources to support learning, developing a systematic safe approach to using equipment to support key stages of the curriculum.
- Supervise the day-to-day organisation and development of other technical staff and newly qualified teachers, teaching assistants to ensure that standards of practical work are maintained.
- Work with the Head of Department to ensure that the scientific, technological and educational developments of the curriculum are delivered effectively.
- Work with teaching staff in respect of the technical requirements of the curriculum.

#### Pupil Support



- Demonstrate and teach the correct and safe use of equipment for pupils and staff
- Assist the class teacher in the development of lesson frameworks and technical facilities to meet teaching/learning needs, including assisting in planning layout of facilities and advice on specialised requirements in furniture, fittings and services.
- Assess pupils' work where the focus is on using equipment or conducting experiments and identify areas of possible improvement for pupils.
- Provide feedback to the teacher on the practical work completed by pupils.
- Provide continuous support and advice on safety to pupils during practical work.
- Assist with the administration and invigilation of routine tests and coursework tasks.
- Report potentially dangerous or unacceptable behaviour of pupils in designated practical / experimental area to the Teacher responsible for that class.
- Report student and school issues in line with the School's policies and procedures.
- Attend meetings and training sessions as required.
- Be involved in extracurricular activities.

#### **Working with colleagues and other relevant professionals**

- To work with colleagues to achieve school objectives and targets
- Collaborate and work with colleagues and other relevant professionals within and beyond the school
- Develop effective professional relationships with colleagues

#### **Whole-school organisation, strategy and development**

- Contribute to the development, implementation and evaluation of the school's policies, practices and procedures, so as to support the school's values and vision
- Make a positive contribution to the wider life and ethos of the school
- Ensure that pupils work together positively and co-operatively, with good behaviour in line with the school's policy and procedures.
- Encourage and promote the social and emotional development of pupils

#### **Professional development**

- Help keep their own knowledge and understanding relevant and up-to-date by reflecting on their own practice, liaising with school leaders, and identifying relevant professional development to improve personal effectiveness
- Take opportunities to build the appropriate skills, qualifications, and/or experience needed for the role, with support from the school
- Take part in the school's appraisal procedures
- Attend meetings and training sessions as required.

#### **Personal and professional conduct**

- Uphold public trust in the education profession and maintain high standards of ethics and behaviour, within and outside school
- Have proper and professional regard for the ethos, policies and practices of the school, and maintain high standards of attendance and punctuality



- Demonstrate positive attitudes, values and behaviours to develop and sustain effective relationships with the school community
- Respect individual differences and cultural diversity

#### Other Areas of Responsibility at xxxx School

#### Generic Duties relevant to all members of Staff

##### The Trust

- The ethos of our Trust is “Transforming Life Chances”. All staff are expected to be committed to this aim in everything they do.
- It is expected that all staff work collaboratively as members of the Trust to share good practice, resources and ideas and realise the Trust’s visions and aims. All staff should act with professional integrity at all times, following the “Code of Conduct”.
- You will be based at XXX School. However, you may be asked to work at any of the other academies within the Trust or partner schools and you should expect to travel between sites as required.

##### Teaching and Learning

- This is our core business and therefore it is an absolute priority. You are expected to support all teaching staff, irrespective of seniority, to ensure they concentrate on the core business. This may mean undertaking tasks outside of your area of responsibility where required.

##### ICT

- It is expected that all teaching and support staff follow the ICT Vision of the Trust.
- All staff will be expected to utilise ICT and to improve communication and reduce paper use. Security procedures must be followed when using ICT systems.
- All staff are expected to follow (and ensure students follow) the procedures as laid out in the Trust’s Acceptable Use Policy. Staff are also expected to ensure that they follow Trust policies with regard to professional conduct when using ICT systems or Trust ICT equipment.



#### Health and Safety

- Employees are required to work in compliance with the Academy's Health & Safety Policies and under the Health and Safety At Work Act 1974 (as amended), ensuring the safety of all parties they come into contact with, such as members of the public, in premises or sites controlled by the Trust.
- In order to ensure compliance, procedures should be observed at all times under the provision of safe systems of work through safe and health environments, including information, training and supervision necessary to accomplish those goals.

#### Safeguarding

- The Thinking Schools Academy Trust is committed to safeguarding and promoting the welfare of children and young people and all staff must ensure that the highest priority is given to following the guidance and regulations to safeguard children and young people. All staff are to have due regard for safeguarding and promoting the welfare of children and young people and to follow the child protection procedures adopted by the Thinking Schools Academy Trust. Any safeguarding or child protection issues **must** be acted upon immediately by informing the Designated Safeguarding Lead.

#### Equal Opportunities

- To actively promote the Trust's Equal Opportunities Policy and observe the standard of conduct which prevents discrimination taking place, maintaining awareness of and commitment to Equal Opportunity Policies in relation to both employment and professional relationships

#### Data Protection

- The Thinking Schools Academy Trust takes the responsibility of protecting and securing the data of Pupils, Staff, Parents and all associated individuals very seriously. The Trust requires all staff to complete data protection training and to adhere to its Data protection policies and procedures. All staff must ensure that if they suspect a data breach they must inform the Trust Data Protection officer immediately.

This job description forms part of the contract of employment of the person appointed to the post. The duties, responsibilities and accountabilities highlighted in this job description are indicative and may vary over time at the discretion of the Trust. This job description will be reviewed annually and is an integral part of the Appraisal and line management process.



The duties and responsibilities in this job description are not restrictive and the post-holder may be required to undertake any other duties that may be required from time to time. Any such duties should not however substantially change the general character of the post.

I understand and agree to the job description of a Senior Science Technician

Name:.....

Signed: .....

Date: .....