



### Job Description

JOB TITLE	Teacher of Science
JOB FAMILY	Teaching
PHASE	Secondary
SCHOOL	Plymouth High School for Girls
SALARY GRADE	TSAT Teacher Scale
HOURS	Fulltime
REPORTING TO	Head of Science & Head of Physics
RESPONSIBLE FOR	n/a

### Job Purpose

- To teach physics, chemistry and biology up to GCSE level (with a preferred emphasis on physics)
- To teach physics at A Level.
- To understand and uphold the values and practice of the professional code for teachers.
- To ensure well-behaved, purposeful and productive lessons occur.
- To improve teaching by evaluating it, learning from the effective practice of others and taking responsibility for one's own professional development.
- To have a secure knowledge and understanding of the subject(s) they are trained to teach.
- To plan, prepare and teach courses and lessons to a high standard.
- To have high expectations of all students.
- To assess, record and report on the development, progress and attainment of students.

### Duties and Responsibilities

#### Professional Values and Practice:

- To have high expectations of all students; respect their social, cultural, linguistic, religious and ethnic backgrounds; and be committed to raising their educational achievement.
- To understand how students' learning can be affected by their physical, intellectual, linguistic, social, cultural and emotional development.
- To treat students consistently, with respect and consideration and be concerned for their development as learners.



- To demonstrate and promote the positive values, attitudes and behaviour that they expect from their students.
- To communicate sensitively and effectively with parents and carers, recognizing their roles in students' learning, and their rights, responsibilities and interests in this.
- To contribute to, and share responsibly in, the corporate life of the school.
- To value the contribution that support staff and other professionals make to teaching and learning.
- To improve their teaching by evaluating it, learning from the effective practice of others and take responsibility for their own professional development.
- To work within the statutory frameworks relating to teachers' responsibilities.

**Knowledge and Understanding of the Subject(s) The Teacher is Trained to Teach:**

- To have a secure knowledge and understanding of the subject(s) they are trained to teach.
- To know and understand the relevant national curriculum programme(s) of study for key stages 3 and 4 for all sciences and teach their specialist subject(s) at A Level competently and independently.
- To understand the cross-curricular expectations of the national curriculum.
- To teach their specialist subject(s) as specified for national qualifications.
- To provide guidance and advice to students on educational and social matters and on their future education and future careers, including information about sources of more expert advice.
- To use ICT effectively, both to teach their subject and to support their wider professional role.

**Teaching:**

- To have high expectations of students and build successful relationships.
- To establish a purposeful learning environment.
- To set challenging teaching and learning objectives which are relevant to all students in their classes.
- To differentiate teaching to meet the needs of students, including the more able and those with special educational needs.
- To plan and teach clearly structured lessons or sequences of work which interest and motivate students, making learning objectives clear to students; employing interactive teaching methods and collaborative group work; promote active and independent learning enabling students to think for themselves.
- To select and prepare resources, and plan for their safe and effective organization.
- Where applicable to plan opportunities for students to learn in out-of-school contexts e.g. visits, field work, museums.



- To set high expectations for students' behaviour and establish a clear framework for classroom discipline to anticipate and manage students' behaviour constructively, and promote self-control and independence.
- To provide homework and other out-of-class work which consolidates and extends work carried out in the class and encourages students to learn independently.
- To use appropriate range of monitoring and assessment strategies to evaluate students' progress towards planned learning objectives.
- To monitor and assess as they teach, giving immediate and constructive feedback to support students as they learn.
- To assess students' progress accurately using, as relevant, national curriculum level descriptions, criteria from national qualifications, requirements of the awarding bodies, national curriculum and foundation stage assessment frameworks or objectives from the national strategies.
- To record students' progress and achievements systematically.
- To report on students' attainment and progress orally and in writing, concisely, informatively and accurately for parents, carers, other professionals and students.
- To manage the work of teaching assistants or other adults to enhance students' learning.
- To take part in, and contribute to, teaching teams, as appropriate to the school working collaboratively with specialist teachers and other colleagues.
- To advise and co-operate with the head teacher and other teachers on the preparation and development of courses of study, teaching materials, teaching programmes, methods of teaching and assessment and pastoral arrangements.
- To take on the duties and responsibilities of an Academic Tutor as outlined in the Staff Handbook.
- To participate as required, in meetings at the school which relate to the curriculum, organisation or pastoral arrangements of the school.
- The post holder must at all times carry out his or her responsibilities with due regard to the Authority's Equal Opportunities Policy.
- Work at all times within the code of requirements of the Health and Safety at Work Act.
- The post holder must also undertake other duties which may reasonably be given to him / her by the Headteacher from time to time.

#### Other Areas of Responsibility

To play a full part in the life of the school community, to support its distinctive mission and ethos and to encourage and ensure staff and students follow this example

#### 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 Plymouth High School for Girls. 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.

### 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.

### 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 Child Protection Officer.

#### 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 Teacher of Science

Name:

Signed:

Date:



Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"><li>Well qualified graduate with a degree in science</li><li>Qualified Teacher Status (QTS)</li></ul>	<ul style="list-style-type: none"><li>Physics degree or similar</li><li>Evidence of continuing professional development</li></ul>
Experience	<ul style="list-style-type: none"><li>Excellent subject knowledge</li><li>Ability to teach KS3 and GCSE sciences (with an emphasis on physics teaching)</li><li>Ability to teach A Level physics</li></ul>	<ul style="list-style-type: none"><li>Experience of delivering INSET</li><li>Experience of health and safety requirements in science</li></ul>
Knowledge, understanding and skills	<ul style="list-style-type: none"><li>Good teaching skills and a willingness to develop them further</li><li>Ability to motivate and enthuse, and be creative in teaching</li><li>Proven track record of working with able students, achieving positive outcomes</li><li>Thorough knowledge of course requirements for all Key Stages</li><li>An understanding of the role of assessment, quality feedback, and student tracking systems in raising standards</li><li>Able to identify, using data those who need support and intervene appropriately and effectively to raise attainment</li><li>Evidence of good behaviour management</li><li>Good organisational and planning skills</li><li>Reflective of practice</li></ul>	<ul style="list-style-type: none"><li>A commitment to celebrating students' achievements, skills and talents, as well as an ability to tackle problems effectively</li><li>An ability to bring new initiatives to the school</li><li>Creativity and adaptability</li><li>Thorough knowledge and understanding of current education issues national policies, priorities and legislation</li><li>Knowledge of IT and use of Microsoft Teams.</li></ul>





<b>General Attributes</b>	<ul style="list-style-type: none"><li>• an effective team worker with an ability to develop and maintain positive relationships yet also able to think and work independently and use initiative</li><li>• an ability to enthuse, motivate and support colleagues and students and build resilience</li><li>• an ability to work effectively under pressure and to deadlines</li><li>• willing to try new ideas and test their effectiveness</li><li>• willingness to take on extra responsibilities to develop own career</li><li>• commitment to further professional development</li><li>• a flexible approach</li><li>• willing to contribute to whole-school initiatives</li><li>• Relates well to students, parents and professionals</li><li>• Displays an awareness, understanding and commitment to the protection and safeguarding of children and young people.</li></ul>	<ul style="list-style-type: none"><li>• a good sense of humour</li><li>• a willingness to be involved in the school as a community and to contribute to extra-curricular activities</li></ul>
-------------------------------	--	---