



Devonport High School For Boys

Job Description

Teacher of Science (Physics)

Reporting to: Headteacher and Science Leadership Team

Job Purpose

In essence, the function of a teacher of Science is:

- To deliver an appropriately broad, balanced, relevant and differentiated curriculum to students and to support the curriculum area as appropriate.
- To monitor and support the overall progress and development of students as a teacher and or form tutor.
- To facilitate and encourage a learning experience, which provides students with the opportunity to achieve their individual potential.
- To contribute to raising standards of student attainment and achievement.
- To share and support the school's responsibility to provide and monitor opportunities for the personal and academic development of children and young people.
- To interest the students in the subject and ensure that they are challenged academically; to take responsibility for their performance in external examinations.
- To show enthusiasm for the subject and convince others of its lasting value.
- To provide a stimulating learning environment and maintain it in good condition.

Key Accountabilities - The Science Teacher will:

- Plan and deliver high quality learning experiences for their students.
- Contribute towards the preparation, development and review of courses of study, teaching materials, teaching programmes, methods of teaching, methods of assessment and pastoral arrangements all of which complement the school's strategic aims.
- Ensure that their provision of science complies with Health and Safety.
- To promote the general progress and well-being of individual students and of any class or group of students assigned to him/her.
- To make records and report on the personal and social needs of students.
- To communicate and consult with the parents of students, as directed by the Head.
- To contribute, wherever appropriate, to the wider life of the school.
- To liaise with SENCO to differentiate work to match the needs of individual students.
- To liaise with the academic mentors to provide intervention strategies where required.

Key Areas and Tasks (illustrative)

1. Securing top quality teaching and learning by:

	Key Areas	Tasks (illustrative)
1.1	Ensuring that the highest possible standards of teaching are achieved.	<ul style="list-style-type: none"> • Support the aims and ethos of the school as identified in the SEF, School Development Plan and School Prospectus. • Remain up to date with current methodologies and issues within their subject.

		<ul style="list-style-type: none"> Engage in departmental discussion of teaching methods, so that lessons are interesting; effective and multi-sensory. Engage in coaching opportunities with other colleagues within the department. Plan and set appropriate work and give timely feedback given in line with the School's Assessment and Teaching and Learning policies. Being aware of change and developments in examination syllabuses and curriculum requirements.
1.2	Monitoring students' learning and confidence in the subject.	<ul style="list-style-type: none"> Seeking to fulfil the potential of all students, whatever their ability Plan and set appropriate work which provide students with the opportunity to achieve their individual potential and give timely feedback given in line with the School's Assessment and Teaching and Learning policies. Teach the students assigned to them, according to their educational needs. Assess, record and report on the development, progress and attainment of students. Analysing assessment data as appropriate, rewarding success and initiating action when students' performance is unsatisfactory. Ensuring that IEPs are followed. Ensure the effective deployment of classroom support.
1.3	Classroom Environment	<ul style="list-style-type: none"> Maintain an environment which is conducive to learning. Apply the Behaviour for Learning Policy so that effective learning for all can take place. Ensure that all activities conform to the Health and safety policy and that the health and wellbeing of students' is the first priority in all lessons.
1.4	CPD	<ul style="list-style-type: none"> Review, from time to time, their own methods of teaching. Contribute towards the review of departmental schemes of learning. Participate in arrangements for further training and professional development as a teacher. Contribute to the department's SEF and development plan and its implementation. Assist the head of department in identifying resource needs, and to work with the team to ensure that resources are used effectively and shared for the benefit of all students.

2: Assessing and Reporting:

	Key Areas	Tasks (illustrative)
2.1	Assessment	<ul style="list-style-type: none"> Provide or contribute to departmental assessments. Maintain accurate and up to date student records on Bromcom. Track student progress and use the data to inform teaching. Alert relevant staff to problems identified in a student and recommend solutions.
2.2	Reporting	<ul style="list-style-type: none"> Complete student reports in line with the school policy. Attend parent's evenings.

3: Contribution to the wider school community:

	Key Areas	Tasks (illustrative)
3.1	Standards	<ul style="list-style-type: none"> Promote and model good relationships with pupils, colleagues and parents. Set a good example in terms of dress, punctuality and attendance. Uphold the school's behaviour code and uniform regulations. Participate in arrangements made for his/her performance management.

3.2	Form Tutor	<ul style="list-style-type: none"> ● Complete morning tutorial and registration activities as directed by the Head of Year. ● Contribute to the school PSHE programme. ● To provide guidance and advice to students on educational and social matters; on further education and future careers, including information about sources of more expert advice on specific questions. ● Monitor the wellbeing of members of the form and report safeguarding issues. ● To attend assemblies, register the attendance of students and supervise them.
3.3	Contribution to the life of the school	<ul style="list-style-type: none"> ● Participate in school cross-curricular days such as citizenship or enterprise awareness days. ● Participate in school enrichment week and curriculum challenge week activities. ● Participate and contribute to the organisation of school visits and trips that complement learning. ● Supervise students outside lesson time e.g. break duty. ● Use students' work for classroom display. ● Attend meetings regularly, which are part of directed time. ● Maintain good order and discipline among students and attend to their health and safety, both when they are authorised to be on the school premises, and when they are engaged in authorised school activities elsewhere, as well as having regard to safeguarding. ● To take part in marketing and liaison events such as Open Evening, Parents' Evenings and events with partner schools. ● To communicate and cooperate with persons or bodies outside the school. To participate in meetings arranged for any of the purposes described above.

This job description outlines the duties required of the post to indicate the levels of responsibilities. It is not a comprehensive list and the Headteacher may vary the duties from time to time although the general character of the job and level of responsibility will not alter.