

Dear Applicant

We are looking for a dynamic and ambitious Science Teacher who can motivate and inspire pupils cross both Key Stage 3 and 4 to join our forward-thinking Science Department. Experience of teaching Physics or Chemistry would be advantageous but is not essential.

This is a part time, 0.5 FTE, permanent position.

The successful candidate will have excellent classroom practice, be committed to high standards of learning and student progress with the energy and vision to build on current progress. They will have a proven track record in raising standards of attainment and achievement and have ambitions for themselves and our school.

The closing date for completed application forms is 23rd June at 9am. Interviews will be held week commencing 30th June.

Please return completed application forms, along with a covering letter to: vacancies@penryn-college.cornwall.sch.uk or post to HR Office, Penryn College, Kernick Road, Penryn, Cornwall, TR10 8PZ.

Yours faithfully



Becky Withers
HR Manager

Headteacher:
Claire Croxall

Kernick Road, Penryn,
Cornwall, TR10 8PZ

01326 372379

secretary@penryn-college.cornwall.sch.uk

www.penryn-college.cornwall.sch.uk

Science Department information.

The science department at Penryn offers a supportive environment with a strong culture of collaboration and continuing professional development. We are committed to the continual improvement of science teaching and learning and are looking for an enthusiastic and dedicated teacher to join our dynamic team.

Our aim is to develop confident learners into expert scientists. Our curriculum has been carefully sequenced to promote the development of students' understanding of the scientific method alongside their substantive knowledge in a logical, structured way. We embrace evidence-based practice and are developing our teaching of the creative skills needed to better prepare students for a changing workplace through the Penryn Creativity Collaborative (in partnership with Arts Council England).

Strong emphasis is placed on the importance of practical work in engaging students and promoting a deeper understanding of science at both KS3 and KS4. We have recently reviewed and improved our KS3 units of work to reflect this, with each year group focussing on a specific set of practical and investigative skills that underpin the 'Working scientifically' component of the KS4 syllabus.

Students are introduced to GCSE content in year 9 through a curriculum that follows the concept of energy from stores and transfers, through particles and nuclear energy to bioenergetics. At KS4 we follow the AQA Combined Science: Trilogy and Triple Science specifications. Triple Science is offered as an option subject and is consistently selected by approximately one third of the cohort, demonstrating the value that students place on science in the curriculum.

The department consists of 12 members of teaching staff, with a wide range of experience, and three technicians. All teachers deliver across the full subject and ability range and have regular opportunities to share best practice and expand their skill set. We teach in eight bright, modern labs, each with whiteboards, Apple TVs and visualisers and have shared use of the recently redeveloped STEAM facilities. All staff and students have iPads, and we are keen to embrace new technologies that enhance our practice.

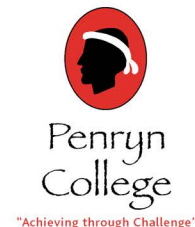
We regularly work with our local primary schools in the Penryn Partnership feeder school network and have developed strong links with the University of Exeter, Penryn campus, which is immediately adjacent to ours. Students regularly benefit from talks and presentations from university academics and participate in outreach activities at our feeder primary schools, supporting younger students to develop a love of learning science.

We look forward to welcoming a new member of the team who shares our values and commitment to providing the best possible education for our students through inspiring and innovative teaching.

Potential candidates are invited to visit us in person or arrange a conversation with the Head of Science, either face-to-face or via Microsoft Teams.

Job Description

Teacher of Science

**Post:**

Teacher of Science

Responsible to:

Head of Humanities

Responsible for:

The provision of a full learning experience and support for students.

Liaising with:

Head Teacher, Senior Leadership Team, teaching and support staff, LEA representatives, external agencies and parents.

Working hours:

Part time, 0.5, permanent

Salary:

Classroom Teachers' Pay Scale

Disclosure:

Enhanced DBS

Purpose:

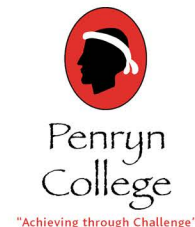
- Under the reasonable direction of the Headteacher, carry out the professional duties of a school teacher as set out in the current School Teachers' Pay and Conditions Document (STPCD).
- To implement and deliver an appropriately broad, balanced, relevant and differentiated curriculum for students and to support a designated curriculum area as appropriate.
- To monitor and support the overall progress and development of students as a teacher/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.
- To share and support the school's responsibility to provide and monitor opportunities for personal and academic growth.

Teaching:

- To teach students according to their educational needs, including the setting and marking of work to be carried out by the student in school and elsewhere.
- To assess, record and report on the attendance, progress, development and attainment of students and to keep such records as are required.
- To provide, or contribute to, oral and written assessments, reports and references relating to individual students and groups of students.
- To ensure the ICT, Literacy, Numeracy and school subject specialism(s) are reflected in the teaching and learning experience of students.
- To undertake a designated programme of teaching.
- To ensure a high quality learning experience for students which meets internal / external quality standards.
- To prepare and update subject materials.
- To use a variety of delivery methods which will stimulate learning appropriate to student needs and demands of the syllabus.
- To maintain discipline in accordance with the College's procedures, and to encourage good practice with regard to punctuality, behaviour, standards of work and homework.
- To undertake assessment of students as requested by external examination bodies, departmental and school procedures.
- To mark, grade and give written/verbal and diagnostic feedback as required.

Job Description

Teacher of Science



Operational/Strategic Planning:

- To assist in the development of appropriate syllabuses, resources, schemes of work, marketing policies and teaching strategies in the Curriculum Area and Development.
- To contribute to the programme/subject's Improvement Plan and its implementation.
- To plan and prepare courses, lessons and homework.
- To contribute to the whole school's planning objectives.

Curriculum Provision:

- To assist the Head of Department, Deputy Head for Teaching and Learning to ensure that the curriculum area provides a range of teaching which complements the College's strategic objectives.

Curriculum Development:

- To assist in the process of curriculum development and change so as to ensure the continued relevance to the needs of students, examining and awarding bodies and the College's Mission and Strategic Objectives.
- To assist in developing fieldwork provision.

Staffing:

- To take part in the College's staff development programme by participating in arrangements for further training and professional development.
- To continue personal development in the relevant areas including subject knowledge and teaching methods.
- To engage actively in the Performance Management Review process.
- To ensure the effective/efficient deployment of classroom support.
- To work as a member of a designated team and to contribute positively to effective working relations within the school.

Quality Assurance:

- To help to implement College quality procedures and to adhere to those.
- To contribute to the process of monitoring and evaluation of the curriculum area/department in line with agreed school procedures, including evaluation against quality standards and performance criteria.
- To seek/implement modification and improvement where required.
- To review from time to time methods of teaching and programmes of work.
- To take part, as may be required, in the review, development and management of activities relating to curriculum, organisation and pastoral functions of the College.

Management Information:

- To maintain appropriate records and to provide relevant accurate and up-to-date information for SIMS, registers etc.
- To complete the relevant documentation to assist in the tracking of students.
- To track student progress and use information to inform teaching and learning.

Communications and Liaison:

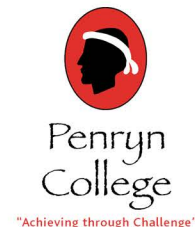
- To communicate effectively with the parents of students as appropriate.
- Where appropriate, to communicate and co-operate with persons or bodies outside the school.
- To follow agreed policies for communication in the College.
- To take part in liaison activities such as Open Evenings, Parents Evenings, Review Days and liaison events with partner schools.
- To contribute to the development of effective subject links with external agencies.

Management of Resources:

- To contribute to the process of the ordering and allocation of equipment and materials.
- To assist the Head of Department to identify resource needs and to contribute to the efficient/effective use of physical resources.
- To co-operate with other staff to ensure a sharing and effective usage of resources to the benefit of the College, department and students.

Job Description

Teacher of Science



Pastoral System:

- To be a tutor to an assigned group of students.
- To promote the general progress and well-being of individual students and of the tutor group as a whole.
- To liaise with appropriate managers to ensure the implantation of the school's Pastoral System.
- To register students, accompany them to assemblies, encourage their full attendance at all lessons and participation in other aspects of school life.
- To evaluate and monitor the progress of students and keep up-to-date student records as may be required.
- To contribute to the preparation of Action Plans and Progress Files and other reports.
- To alert the appropriate staff to problems experienced by students and to make recommendations as to how these may be resolved.
- To communicate as appropriate, with the parents of students and with persons or bodies outside the college concerned with the welfare of individual students, other consultation with the appropriate staff.
- To contribute to PHSE/Citizenship and Enterprise according to college policy.
- To apply the behaviour management systems so that effective learning can take place.

Possible Additional Duties:

- To assist the Head of Department with the development of the Curriculum
- To give feedback and assessment on Exam preparation.
- To provide extra curricular opportunities for students to pursue their passion for science.

Other Specific Duties:

- To play a full part in the life of the college community, to support its distinctive mission and ethos and to encourage staff and students to follow this example.
- To contribute to a study support programme to offer students the chance to participate and develop excellence.
- To support the college in meeting its legal requirements for worship.
- To promote actively the college's corporate policies.
- To continue personal development as agreed.
- To comply with the college's Health and Safety Policy and undertake risk assessments as appropriate.
- To undertake any other duty as specified by STPCB not mentioned in the above.
- To be aware of and work in accordance with the college's child protection policies and procedures in order to safeguard and promote the welfare of children and raise any concerns relating to such procedures which may be noted during the course of duty.

Whilst every effort has been made to explain the main duties and responsibilities of the post, each individual task undertaken may not be identified.

Staff will be expected to comply with any reasonable request to undertake work of a similar level that is not specified in the job description.

The College will endeavour to make any necessary, reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition.

This job description is current at the date shown, but in consultation with you, may be changed by the Head Teacher to reflect or anticipate changes in the job, commensurate with the grade and job title.

Person Specification

Teacher of Science



Penryn
College

"Achieving through Challenge"

Person Specification	Essential	Desirable	How Identified
Qualifications You will have these:	Qualified Teacher Status. Good Honours degree in a relevant discipline.	Evidence of continuing personal and professional development relevant to the post	Application Form
Background & Experience You will have these:	A commitment and ability to fulfil the role of tutor. Current experience of teaching at Key Stage 3 and 4. Current experience of teaching physics, chemistry and biology topics at Key stage 3 and 4 and assisting in delivering exam specifications, including controlled assessments.	A minimum of 2 years teaching experience. Ability and willingness to contribute to the teaching of an additional subject. Subject specialism in physics or chemistry. Proven ability to gain excellent results with good value added and 4 levels progress.	Application Form and References
Professional Knowledge & Understanding You will have these:	The characteristics of high-quality teaching and the main strategies for improving and sustaining high standards of teaching and learning routed in high levels of engagement and achievement for all pupils.	The future potential of ICT and AI to aid teaching and learning of the subject, and to assist with subject management. Use of evidence based teaching and learning practices	Selection Process
Skills You will:	Plan and organise teaching consistently to achieve clear targets. Teach to different learning needs and abilities. Have the ability to inspire and motivate students to achieve their best. To have the ability and commitment to contribute to extra-curricular activities. Communicate effectively and work as part of a team. See tasks and plans through to completion.	Have experience of planning and delivering fieldwork / learning outside the classroom.	Selection Process and References
Personal Qualities You have:	A passion for engaging students in Science. The personal skills to work as an effective member of the Science Department. A sound and professional approach towards your work. Energy and enthusiasm. A desire to facilitate achievement. A sense of responsibility for both the students and your own performance. An appreciable disposition. An awareness, understanding and commitment to the protection and safeguarding of children and young people.	Ambitious and have a clear personal career path and development strategy. Able to work well under pressure. Interest in all areas of Science.	Selection Process and References
Attitude You should:	Value the education of every student. Be committed to equal opportunities. Promote a positive image of the school. Give time to individuals and groups outside the classroom. Have a rigorous and positive view of Behaviour Management.	Adopt a reflective approach towards professional decision making.	Selection Process