**Queen Elizabeth Grammar School Penrith**

****

**Application pack for**

**Teacher of Science**

**Queen Elizabeth Grammar School Penrith**



**Ullswater Road, Penrith, Cumbria CA11 7EG**

Telephone: 01768 864621

reception@qegs.cumbria.sch.uk

www.qegs.cumbria.sch.uk

Headteacher: Paul Buckland M.A.

April 2021

Dear Candidate

The post becomes available as a result of an increase in the numbers on role and recent changes to the school curriculum.

We are looking for someone who is passionate about Science and is able to teach Chemistry with some Physics or Physics with some Chemistry throughout Key Stages 3-4 and either offer Chemistry or Physics up to A Level.

We welcome applications from anyone who feels they can meet the requirements of the enclosed Job Description and Person Specification and who will enjoy working in a busy school environment. Before applying, please have a look at our website [www.qegs.cumbria.sch.uk](http://www.qegs.cumbria.sch.uk) which I hope will give you a taste of the ethos and atmosphere of the school.

I look forward to receiving your application.

Yours faithfully



Mr Paul Buckland

**Headteacher**

****

**Queen Elizabeth Grammar School Penrith**

A mixed selective academy

Roll: 910 including 212 in the Sixth Form

Ofsted: Outstanding in every category

**Teacher of Science**

**Main Scale Full Time/Temporary**

***Required for September 2021***

*We wish to recruit a really enthusiastic Teacher of Science to join a highly successful department. An infectious passion for the subject and the ability to share in the teaching of Chemistry and Physics throughout KS3 and KS4 and the teaching of either Chemistry or Physics up to A Level is essential. We would welcome applications from both experienced and Early Career teachers.*

*We are committed to safeguarding and promoting the welfare of children. The post is subject to an enhanced DBS check and satisfactory references.*

***Deadline for all applications: 9am, Wednesday 19th May***

***NO POSTAL APPLICATIONS PLEASE – ALL APPLICATIONS MUST BE EMAILED TO*** [***secretary@qegs.cumbria.sch.uk***](mailto:secretary@qegs.cumbria.sch.uk)

Application packs and forms via our website [www.qegs.cumbria.sch.uk](http://www.qegs.cumbria.sch.uk) or

from the Head’s PA, Miss Lucy Murray [secretary@qegs.cumbria.sch.uk](mailto:secretary@qegs.cumbria.sch.uk)

**Queen Elizabeth Grammar School Penrith**

**The Science Department**

The science department is currently comprised of seven full-time and four part-time teaching staff and two full-time and two part-time technicians. We are a strong committed team, producing very good results at all levels.

The department is well equipped and resourced, although the popularity of both the school generally and sciences, particularly at A Level, has meant that some of our lessons are taught outside of our seven laboratories. The laboratory accommodation is largely arranged on a central corridor to allow easy movement of apparatus between six of the laboratories and the preparation room. This is a large, well equipped room which includes a work area for each member of the science staff. The seventh laboratory is in a separate newly built block adjacent to our main accommodation. The prep room and all labs have network connections to the school computer system.

**Key Stage 3 (Years 7 and 8)**

At Key Stage 3, all pupils follow a school developed scheme of work based on the current National Curriculum. The course is based on three double periods each week and students use the three 11-14 science textbooks published by Longman. The course recognises the special nature of each of the sciences – biology, chemistry and physics. Practical work is a major part of the course and pupils spend a substantial amount of time learning the safe use of laboratory apparatus, carrying out experiments and performing investigative work of their own.

**Key Stage 4 (Years 9, 10 and 11)**

At present, students embark on three separate GCSE sciences in physics, chemistry and biology at the start of Year 9, with one double period per subject per week increasing to 7 periods every two weeks in Years 10 and 11.

**Key Stage 5**

At KS5, each of the science subjects is very popular. In our present Year 12 there are three biology sets, two chemistry and one physics.

**Queen Elizabeth Grammar School Penrith**

**Job Description for Teacher of Science**

***The school is committed to safeguarding and promoting the welfare of children and young people and expects all staff to share this commitment.***

**Responsibilities**

Under the direction of the Head of Department.

* To contribute to departmental teaching and other subjects as may be reasonably required.
* To participate in the development of appropriate syllabuses, materials and schemes of work.
* To monitor and control the storage and use of teaching materials and books related to the teaching in the department.
* To participate in appropriate meetings with colleagues and parents, relative to the above duties.

**Subject Knowledge**

* To have an understanding of the knowledge, concepts, and the skills of the specialist subjects and the place of these subjects in the school curriculum.
* To have a breadth and depth of the subject knowledge extending beyond programmes of study and the examination of syllabuses in school.

**Subject Application**

* To produce coherent lesson plans which take account of school curriculum policies.
* To ensure the continuity and progression within and between classes and in subjects.
* To set appropriately demanding expectations for pupils, challenging gifted and talented pupils and providing appropriate work and learning strategies for pupils with special educational needs or learning difficulties.
* To employ a range of teaching strategies, appropriate to the age, ability and level of pupils.
* To present subject content in clear language in a stimulating manner.
* To demonstrate an ability to select and use appropriate resources including information technology.

**Class Management**

* To decide when teaching the whole class, groups, pairs or individuals is appropriate for a particular learning purpose.
* To deploy a range of approaches to create and maintain a purposeful and orderly environment in the class and to know how, when and from where to seek additional support, devise and use appropriate rewards and sanctions to maintain an effective learning environment.
* To maintain the interest and motivation of all pupils.

**Assessment and Recording of Pupils' Progress**

* To identify the current level of attainment of individual pupils, assess and record systematically the progress of individual pupils, judge how well each pupil performs against the standard expected of a child of that age and to use such assessment in their teaching.
* To mark the work of pupils regularly and ensure an ongoing dialogue with pupils about their progress.

**Further Professional Development**

* To take a self-critical approach to diagnosing and evaluating pupil learning, including a recognition of the effect of that learning on teachers' expectations.
* To participate in the school’s appraisal procedures.
* To participate in training and other continuing professional development in order to keep up-to-date with subject knowledge, skills and educational initiatives as appropriate.

**Queen Elizabeth Grammar School Penrith**

**Person Specification for Teacher of Science**

**Qualifications**

* Good Honours Degree in a relevant Science subject.
* Postgraduate Certificate of Education or equivalent teaching qualification.
* Secondary school trained.

**CPD**

* Clear track record of in-service training and evidence of or interest in management training.
* Enthusiastic to develop and extend further own teaching skills, subject knowledge and expertise.

**Experience**

* Experience of and/or affinity for teaching children of all abilities.
* Experience of teaching Science at KS3.
* Substantial experience of teaching at Advanced level.

**Teaching**

* Passionate about teaching Science and their specialism(s) in a dynamic and inspirational manner.
* Willingness to contribute substantially to enrichment and extra-curricular activities.
* Able to teach Science at KS3 and to teach their specialism(s) at KS4 and A Level.

**Educational Philosophy**

* Supportive of selection and an academic curriculum.
* Supportive of the aims of Queen Elizabeth Grammar School, which are:

1. to build upon its tradition of academic excellence encouraging students to strive for the highest levels of achievement and to maximise their potential
2. to take full advantage of its small numbers to provide a caring environment in which the individual pupil’s personality and abilities are valued and fostered
3. to provide an environment in which creativity, enterprise and initiative are encouraged, promoting social, artistic and sporting activities to develop pupils’ interests and talents
4. to do its best to ensure that pupils leave this school to embark upon higher education or employment confident in their skills and learning and fitted for useful, active citizenship

* Values the importance of developing the whole child through the provision of additional opportunities which enhance the curriculum.

**Professional Skills**

* Excellent classroom practitioner, able to inspire and motivate children to learn.
* Imaginative and creative approach to teaching and learning.
* Ability to use ICT effectively and at a high level in teaching, recording and reporting.
* Keen to participate in and develop high quality enrichment activities in all Key Stages.

**Personality**

* Out-going, confident, energetic and willing to be involved in all aspects of school life.
* Good personal organisation, ability to work under pressure and a sense of humour, which can be maintained even on a Friday afternoon when it has been a busy week!

**Queen Elizabeth Grammar School Penrith**

**School Strategy**

**Vision**

To prepare our students to succeed in tomorrow’s world by providing a secure, challenging learning environment, a rigorous academic curriculum, high expectations, and best practice in teaching, learning and technology enhanced by wide-ranging, extra-curricular opportunities and outstanding pastoral care.

**Aims**

1. The school aims to build upon its tradition of excellence in terms of both academic and personal achievement. Pupils will be encouraged to strive for the highest levels of achievement to maximise their potential.

2. The school aims to take full advantage of its small numbers to provide a fully inclusive and caring environment in which the individual pupil’s personality and abilities are valued and equality and diversity are celebrated.

3. The school will provide an environment in which resilience, creativity, enterprise and initiative are encouraged. Social, artistic and sporting activities will be promoted to develop pupils’ interests and talents.

4. The school will do its best to ensure that pupils leave this school to embark upon higher education or employment confident in their skills and learning and fitted for independent, active citizenship. Pupils will respect and care for others and value and protect the environment.

**Queen Elizabeth Grammar School will**

1. Raise the standard of achievement of all students;

2. Ensure that every child enjoys high quality education in terms of resourcing, tuition and care;

3. Be a reflective, self-evaluative and improving organisation;

4. Provide value for money for the funds expended;

5. Establish and maintain a collaborative partnership with parents, other schools, institutions of higher education, business, industry, commerce and other stakeholders;

6. Conduct its business with the highest standards of integrity, probity and honesty.

