

Queen Elizabeth Grammar School Penrith



**Application pack for
Teacher of Mathematics**

Queen Elizabeth Grammar School Penrith

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Headmaster: C J Kirkup, B.A.

February 2016

Dear Candidate

The post becomes available due to the appointment of Richard Hodgkins to a position with responsibility for KS3 Maths at Keswick School. This provides an opportunity to join a large and very successful department which is one of the most popular subjects in the school at A Level .

You will benefit from working with a very experienced and dedicated team of specialists. The successful candidate should be able to teach across the age range, or be prepared to do so with support and guidance. We therefore welcome applications from experienced teachers and NQTs.

Before applying please have a look at our website 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: 871 including 238 in the Sixth Form
Ofsted: Outstanding in every category

Teacher of Mathematics

Main Scale Full Time

Required for September 2016

We wish to recruit a really enthusiastic teacher of Mathematics to join a highly successful department, which has made this one of the school's most popular A Level subjects in which outstanding results are achieved. An infectious passion for the subject and the ability to challenge high achievers at A Level as well as teaching KS3 and KS4 classes are essential.

There may also be the possibility of a part-time post in addition to the full-time position. Please indicate which position it is you are interested in when submitting your application.

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: 12 noon, Friday 11th March 2016

Interviews will be held on Tuesday 22nd March 2016

Application packs via TES HireWire,
our website www.qegs.cumbria.sch.uk or
from the Head's PA Mrs Caroline Richards secretary@qegs.cumbria.sch.uk

Mathematics at Queen Elizabeth Grammar School Penrith

The post available

Queen Elizabeth Grammar School is a selective, 11-19 co-educational secondary school with 871 pupils. We have the full time equivalent of 56 teaching staff. Until recently we held a specialism in Mathematics and Computing and are currently a Mathematics Collaborative Network Regional Hub Centre for Edexcel.

We now have a vacancy for a full time teacher of mathematics from September 2016 due to Mr Hodgkins leaving to take up a position of responsibility at another school. We may also have a vacancy for a part-time teacher of mathematics from September. The exact nature of this part-time post is still to be confirmed and further details will be sent to anyone who expresses an interest in this post as soon as they are finalised.

The Department comprises:

Staff	Head of Mathematics	Mr Philip Crudge BEd
	2 nd in Mathematics	Mrs Patsy Naylor BEd
	Teachers of Mathematics	Mr Shaun Conner Bsc PGCE
		Mr Richard Hodgkins BSc PGCE
		Mr Steve Jones BSc PGCE
		Mrs Nadine Ford BSc
		Mr Andrew Field BSc PGCE

Results

The Mathematics Department has achieved considerable success in recent years. In 2015, KS4 97% of pupils gained at least a grade C at GCSE with 30% gaining a grade A or higher. Nearly 60 of our Year 11 students also took a Level 2 Further Maths Exam in addition to their GCSE. Mathematics is one of the most popular subjects in the Sixth Form. At A Level last year, 68% of candidates gained a grade A*, A or B in Mathematics and Further Mathematics. We also enjoy considerable success in the UK Maths Challenges, one of our Year 13 students recently gained a distinction in the second round of the British Mathematics Olympiad which was only awarded to 26 other students nationally.

Curriculum

Mathematics is taught by an experienced team of specialists. Year 7 pupils are taught in their form groups. From Year 8 onwards the four forms are sorted into teaching groups according to ability. Each year is blocked on the timetable allowing changes to be made to the groups whenever necessary. We have a comprehensive assessment and tracking system that allows us to review the sets at regular intervals. There are currently four groups of students in each year of the Sixth Form, three are studying A-level Mathematics and one group studies A-level Mathematics and Further Mathematics. In KS4, students in Mathematics sets 1 and 2 also currently study Level 2 Further Mathematics. We offer Level 3 Mathematical Studies from AQA to sixth form students who are not taking A-level Mathematics.

One of the strengths of the department is the level of support available to individual students, from support with STEP papers and Oxbridge entry, to a weekly lunchtime Maths Clinic.

Accommodation and Resources

We have a suite of five classrooms equipped with Interactive Whiteboards and a wide range of other resources. We use MyMaths for KS3 with Years 7 and 8, and all pupils have their own copy of the Practice Book at home. From Year 9 onwards, pupils use a GCSE scheme as their main resource. We have been able to invest in the Collins GCSE Maths textbooks, with full sets of these books in each classroom and a copy of the homework book for each pupil to keep at home. All pupils are aiming to take the Higher Tier GCSE and will be entered for the Edexcel exams. We use the Heinemann Modular A-level textbooks to support our teaching of Edexcel AS and A-level. We have a large range of further written and practical resources available which we use to enrich our teaching.

As well as the ICT facilities in all of our teaching rooms, we have an Interactive Voting System, two sets of Promethean Expression Student Response Systems and a class set of Graphical Calculators.

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Person Specification for Teacher of Mathematics

Qualifications

- Good Honours Degree in Mathematics.
- Postgraduate Certificate of Education or equivalent teaching qualification.
- Secondary school trained.

CPD

- Enthusiastic to develop and extend further own teaching skills, subject knowledge and expertise.

Experience

- Experience of and/or affinity for teaching very able children (teaching practice experience acceptable).

Teaching

- Passionate about teaching Mathematics in a dynamic and inspirational manner.
- Able to teach Mathematics throughout Key Stages 3 and 4 and to share in the teaching of Mathematics including Further Mathematics at both AS and A2 level.
- Willingness to contribute substantially to enrichment and extra-curricular activities in both Mathematics and other non-subject areas.

Educational Philosophy

- Supportive of selection and traditional Grammar School values.
- 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.
- Value the importance of developing the whole child through the provision of additional opportunities which enhance the curriculum.

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 in teaching, recording and reporting.

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 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 academic excellence. 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 caring environment in which the individual pupil's personality and abilities are valued and fostered.
3. The school will provide an environment in which 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 useful, active citizenship.

The Academy will do its best

1. To raise the standard of educational achievement of all students;
2. To ensure that every child enjoys the same high quality education in terms of resourcing, tuition and care;
3. To improve its effectiveness by continual review of the curriculum and organisational structure;
4. To provide value for money for the funds expended;
5. To comply with all appropriate statutory and curriculum requirements;
6. To maintain close links with institutions of higher education, business, industry and commerce;
7. To conduct its business with the highest standards of integrity, probity and openness.

