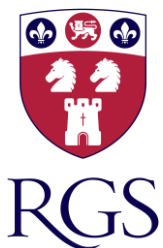


**TEACHER OF
MATHEMATICS**

**JOB
INFORMATION**



RGS



TEACHER OF MATHEMATICS

(Full Time)

Newcastle upon Tyne Royal Grammar School

Required from September 2024



THE POSITION

We have a wonderful opportunity for someone to join our vibrant Mathematics Department as a full time Teacher of Mathematics. The successful candidate will be a dynamic and inspiring teacher from Year 7 through to A-Level, with experience of preparing and guiding Oxbridge candidates. We are looking for an experienced candidate, whether that be in the independent sector or otherwise, and we will ensure that appropriate training and mentoring is provided either way. This role comes about due to the retirement of a colleague in the department.

Being 'willing to go the extra mile' is a major part of the role for all teachers at the RGS, not merely in specialist activities but in a huge range of co-curricular sporting, artistic and cultural work. We are keen to invite applications from those who would like to make their own distinctive contribution to this ethos. We very much value colleagues who are willing to contribute to the co-curricular programme.

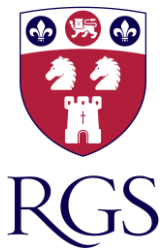
The RGS has its own salary scale (which is above national pay scales for teachers) and provides ECTs with an appropriate programme of induction leading to QTS.



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Contact: Nick Hamilton (Head of Mathematics) n.hamilton@rgs.newcastle.sch.uk



THE SCHOOL

Thomas Horsley, the original settlor of the Royal Grammar School Newcastle (RGS) pledged his legacy to the School in 1525. Almost 500 years later, RGS continues to flourish as the premier independent school in the North East of England and as one of the country's leading schools, and the Sunday Times' North East Independent School of the Decade 2020. Most recently, RGS was awarded the Sunday Times' 2023 North East's Top Independent Secondary School for Academic Performance. We regularly lead all northern schools in national league tables and pride ourselves on academic excellence, a high level of pastoral support, involvement in a wide range of sports and other co-curricular activities, and our commitment to bursaries and partnerships.

The RGS has grown substantially in recent years. There are now some 1,320 students, over 260 of whom are in the Junior School. The Sixth Form of 330 students is one of the largest in the independent sector. We became coeducational 20 years ago and girls now comprise 46% of the school.

The school is based in the heart of the City, immediately opposite Jesmond Metro station. The school occupies over 30 acres of land and has state-of-the-art facilities, including five brand new art studios, a new library, a new Sixth Form Centre, a 25m swimming pool, two Sports Halls, a Performing Arts Centre, outdoor football/rugby pitches at Mooracres, an artificial turf pitch for hockey and the former County Cricket Ground.

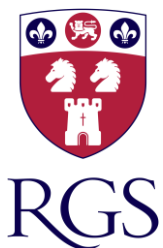


Academically the school is highly selective. Students are assessed for entry at the key entry points (Y3, Y5, Y7 and a handful at Y9, plus sixth form). The biggest entry points are Y3 (60 students), Y7 (c.75 students) and Y12 (c. 45 students). Beyond the academics, in Junior School (Y3-6) entry is assessed through activity days whilst at Y7 students are assessed through online tests and an interaction day. Sixth form entry is through

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interview only. Students sit baseline tests in Y7, Y10, and L6 – the average GLA CAT score for both the current Y7 and L6 is 117.

Academic selection and excellent teaching means the school's results are exceptional. The published figures for 2023 are on the school's website. For A Level, 34% of A level grades were at A*; 71% A* - A; and 89% A* - B. For GCSE, the proportion of grade 9s was 41.2%; 9 – 8 was 67.8%; and 9 – 7 was 85.8%. These results placed the RGS 51st, nationally, in The Sunday Times Parent Power survey, up from 73rd place in 2022. Additionally, Top School Guide ranked the RGS 16th nationally for co-educational schools; and overall, 37th for A Levels and 48th for GCSEs.

In 2021 The Sunday Times Parent Power survey judged RGS Newcastle to be the North East Independent School of the Decade. Since then, the RGS has consistently ranked first for academic results in the North East. In 2023, as well as receiving accreditation for the Wellbeing Award for Schools, the RGS was awarded the overall title of Independent School of the Year for the whole of the UK, following winning the category for Outstanding Educational Partnerships. We have more recently been awarded the title of Sunday Times Parent Power North East Independent School of the Year for 2024. Furthermore, School Sports Magazine recently ranked the RGS as the 27th best sports school (independent and state) in the UK.



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THE MATHEMATICS DEPARTMENT

The department is staffed by 14 teachers, who are highly dedicated to helping students fulfil their potential in Mathematics. Their passion for the subject, as well as their breadth of knowledge, gives students at RGS a diverse range of options, supporting the mathematical development of students of all abilities.

YEAR 7

After reviewing arithmetic and geometry, much of the emphasis is on developing a sound understanding of algebra and techniques for using mathematics to solve problems. Throughout the year, students practice “pencil-and-paper” exercises and mental numeracy skills: no calculators! Students are allocated into sets part way through the academic year. [5.5 lessons/fortnight].

YEAR 8

The students are in sets, arranged in ability bands, pursuing the same course. [5 lessons/fortnight]. Students from Years 7 and 8 enter the annual National Mathematics Competition: The Junior Mathematics Challenge.

YEAR 9

The students are in sets, arranged in ability bands, again pursuing a common course. The year’s work brings in some of the material needed for Edexcel IGCSE (1-9). [5 lessons/fortnight].

YEAR 10

All students continue preparation for the IGCSE 1-9 Mathematics Higher Paper. There are usually seven sets, arranged in ability bands. [5 lessons/fortnight].



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YEAR 11

There are usually seven sets in Year 11 and students tend to keep their Year 10 teacher. All students aim to complete the Edexcel IGCSE 1-9 Mathematics Higher Paper. Students in the top sets also have the opportunity to attempt a GCSE in Further Mathematics. This qualification is currently available but subject to review annually. [7 lessons/fortnight]. Students from Years, 9, 10 and 11 enter the annual National Mathematics Competition: The Intermediate Mathematics Challenge.

SIXTH FORM MATHEMATICS AND FURTHER MATHEMATICS

A Levels in Maths and Further Maths are both taught, and we also offer Core Maths (for those not taking A Level Maths). The Pearson Edexcel specifications are currently used for all three qualifications [10 lessons/fortnight for Maths in Year 12 rising to 11 in Year 13, 20 rising to 22/fortnight for Further Maths and 4/fortnight for Core Maths]. Students from the Sixth Form enter the annual National Mathematics Competition: The Senior Mathematics Challenge, and the local/national Team Maths events.



OXBRIDGE

Support is given to those who seek entry to Oxford or Cambridge, including coaching in STEP, TMUA and MAT papers.

MATHS CLINIC

The department runs a daily lunchtime drop in “Maths Clinic” session for students seeking extra help outside the classroom. Maths Prefects from the Upper Sixth volunteer to help in these sessions, which are also staffed by at least two Maths teachers.

If you have any questions relating to departmental practices, please don't hesitate to contact the Head of Mathematics, Nick Hamilton via email:

n.hamilton@rgs.newcastle.sch.uk

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2023 EXAM RESULTS

Public examination results are consistently very strong indeed.

	A*	A*-A	B
Maths A Level	42.9%	60.7%	96.4%
Further Maths A Level	33.3%	81%	81%
	9	9-8	9-7
IGCSE	47.1%	80.4%	97.1%

ACCOMMODATION AND RESOURCES

The Mathematics Department's dedicated teaching facilities constitute the lower floor of the North block and the rooms around the recently completed spacious and light Agora area, including a Maths office and a separate, adjoining office for the Head of Department.

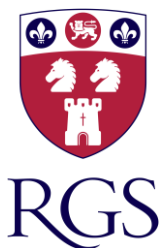
The Mathematics Department adopted its new accommodation in September 2019. All classrooms have Prowise touchscreens, and students are also encouraged to use our mathematical software packages and website subscriptions, which are available both in and out of school. At lunchtimes, a "Maths Clinic" is run where students can see members of the department for help when further assistance with work is needed.



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PERSON SPECIFICATION

The following person specification indicates those areas of skills and personal characteristics, qualifications, training and experience that we are looking for.

Qualifications and Training

- A degree in a relevant subject.
- Courses of further study relevant to the post.

Experience

- Experience of teaching in a highly academic context.
- Experience of teaching in the 11-18 age range.

Skills

- Experience in teaching GCSE and A-Level.
- Ability to inspire young people to develop a love of maths.
- Ability to think originally and creatively and show initiative.
- Commitment to high standards of teaching and learning.
- Ability to teach high quality lessons.
- Excellent organisational abilities.
- Excellent project management skills.
- High levels of IT competency.



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Personal Characteristics

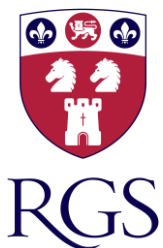
- Ability to work in a fast-paced environment.
- Ability to communicate effectively with parents, students and staff in a variety of ways.
- Understanding of, and commitment to equality of opportunity for all.
- Understanding of, and commitment to the ethos of the school as a community.
- Tact, discretion and diplomacy.
- A genuine liking of people and the ability to show warmth, good-humour, empathy and sensitivity.



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LIVING IN THE NORTH EAST

Whilst the North East is beloved and popular with so many, we know that not everyone will have had first-hand experience of it, so this is a short introduction to a city and region which we love and believe you will too. Newcastle is a medium-sized city with an historic centre and a vibrant life of its own. There's culture and arts in the form of the award-winning BALTIC Art Gallery and The Sage, alongside several theatres that attract national touring productions. There's music from classical to club and we are home to the Royal Northern Sinfonia. There's also a growing food culture with some fantastic restaurants.

If you like sport then there's certainly no shortage of top-class entertainment: from Premier League football being played at St James' Park and EFL at the Stadium of Light to first class cricket at Durham (a mere half hour away), and great rugby at the Falcons, not to mention basketball and even ice hockey, and then there is the annual Great North Run. The North East has also produced some of the country's finest athletes in track and field and there are clubs aplenty to get involved with, most famously in Gateshead.

The coast and the hills are minutes away from the city centre. By car you can be in the middle of nowhere in 45 minutes, the Scottish Borders is only an hour away and the Lake District an hour and a half. The coast is served by the Metro (our version of the Tube), but some of the country's best beaches are up the road in Northumberland, less than 40 minutes by car. There's mountain biking, road cycling, climbing, and endless hill walks in stunning countryside. There are green spaces all over the city too, with plenty of parks for children and dogs alike to run around.

There are three local teaching hospitals, two universities in the city with another three close by. Some pioneering medical work goes on at the RVI, Great North Children's Hospital and the Freeman Hospital.

History abounds with more castles than you could count and sites of interest for almost every period of English (and border) history. Add that to a proud, independently minded and very friendly local population and we have most things you could want.

There are excellent primary schools in the region and city as well as some good secondary schools too, but staff do get a discount at the RGS. There are also a number of good competitor independent schools as well.



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MAIN TERMS AND CONDITIONS

- This is a permanent, full-time position with the school and the postholder will be expected to be available from the start of September 2024.
- Working Hours - Normal working hours will be those necessary to carry out the duties of the post.
- Salary - The salary will be determined by the RGS Teachers' Scale.
- The Teacher will be required to comply with a range of RGS policies, in particular, those regarding Data Protection, use of ICT facilities, Child Protection, Staff Code and Health and Safety, a copy of which will be made available.



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WHAT WE OFFER

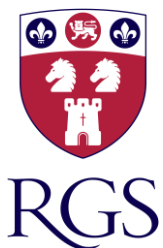
- During term-time, staff are provided with a free lunch, if on site.
- The school offers an alternative to the TPS, The Aviva Pension Trust for Independent Schools (APTIS) which is a defined contribution and salary exchange scheme administered by AVIVA. There is provision for life assurance and income protection under the APTIS scheme and increased flexibility regarding employee contributions and fund management. Further information on the APTIS scheme and salary exchange will be made available on appointment.
- The employee will become eligible for sick pay under the RGS Teaching Staff Sick Pay Scheme after a qualifying period. Details of the scheme will be provided on appointment.
- The school offers an optional healthcare plan for all staff which includes optical, dental and physio cover, access to telephone GP consultations and a host of other benefits (terms and conditions apply). Further information will be available to the employee once in post.
- As with all RGS employees, the employee will be encouraged to become involved in the wider life of the RGS community.
- It is the school's policy is to allow all eligible members of staff to educate their children at the school at concessionary rates, subject to their children meeting the academic entry requirements and subject to a place being available.



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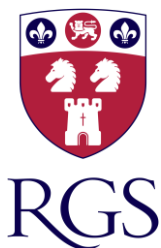
- Ongoing educational support and development of all staff with the provision of external and internal training courses, and our middle leaders training programme for existing and aspiring managers.
- We offer an interest free travel loan for a corporate Metro travel pass after a qualifying period. Further information will be available upon starting in post.
- We offer a Bike to Work scheme for qualifying members of staff. Terms and conditions apply. Details will be shared upon starting in post.
- Free use of a well-equipped gym, fitness suite and swimming pool at permitted times.
- Opportunity to see free school productions in the Miller Theatre located in our Performing Arts Centre.
- Access to our onsite confidential counselling service.
- We offer access to the school medical team (1 doctor and 2 nurses) for triage medical advice and free flu vaccinations.
- Invitation to join staff clubs and wellbeing activities during term-time as well as staff social events throughout the year.
- Opportunity to join in with RGS tradition and become a member of the Stowell, Collingwood, Horsley or Eldon House.



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HOW TO APPLY

Candidates are advised to read the 'Information for Applicants' with particular care before applying.

If you have any queries or would like to arrange a visit to the school, please do not hesitate to email or to call Nick Hamilton (Head of Mathematics) on 0191 281 5711 or email n.hamilton@rgs.newcastle.sch.uk.

If, having looked through the website (www.rgs.newcastle.sch.uk) and read this job information pack and the Information for Applicants, you think this particular post would suit you, please say so (and why) in a covering letter of application. You must complete the application form, even if you want to also attach a CV. You are welcome to apply electronically, please email all documents to jobs@rgs.newcastle.sch.uk by the closing date.

**The closing date for this role is
9.00am Thursday 14th March 2024**

Interviews will be held shortly after the closing date. We will hope to make the appointment as soon as possible following interview, offering the post and gaining acceptance, so applicants should arrive for interview with a clear idea of what would be involved in moving to the area (if necessary) and working at the RGS.

Reasonable travel expenses will be considered to attend an interview if candidates live outside the local area. This is normally up to a maximum contribution of £100 on provision of receipts. If your expenses will be significantly higher than £100 and an overnight stay is required, please note all expenses will need to be booked and approved in advance. If you plan to claim expenses, please contact the Head's Secretary, Sandra Ellis S.Ellis@rgs.newcastle.sch.uk in advance of your interview, who will talk you through the policy and advise on eligibility for reimbursement.

Safeguarding and Safer Recruitment

RGS is committed to the safeguarding of children and promoting the welfare of children and young people and expects all staff, volunteers and those working in school to share this commitment. The school applies the Government's Safer Recruitment procedures to all candidates. More information regarding the checks can be found in the Information for Applicants and 'Keeping Children Safe in Education' (September 2023).

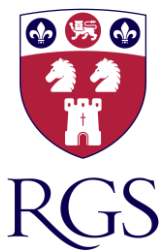
Equal Opportunities

We are looking to appoint staff from a wide variety of backgrounds. Not just because it is the right thing to do but because at the RGS we recognise that those different experiences provide fresh perspectives, opportunities to challenge existing beliefs and provide opportunities to act as excellent role models for our diverse student body. We are committed to creating an inclusive and diverse school culture and our staff are at the heart of this. We are proud to be an equal opportunities employer and all qualified applicants will receive consideration for employment regardless of age, disability, sex, gender reassignment, sexual orientation, pregnancy and maternity, race, religion or belief

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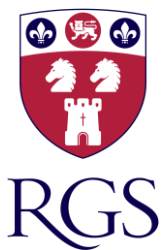
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and marriage and civil partnerships. Whilst all applications are considered on merit, we would particularly welcome applications from black and minority ethnic candidates who are currently under-represented in our staff community.

We encourage all candidates to complete an 'equal opportunities' form with your application. This will be sent directly to the HR team for monitoring purposes.



CONTACT DETAILS

Royal Grammar School Eskdale Terrace Newcastle upon Tyne NE2 4DX

Tel: 0191 281 5711

General enquiries: communications@rgs.newcastle.sch.uk

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