



# Stanborough School



# **MATHS TEACHER**

**(MATERNITY COVER)**

**Information Pack for Candidates**

**January 2021**

# Welcome

January 2021

Dear Candidate,

Thank you for your interest in the role of a Maths Teacher (maternity cover). We are delighted that you see Stanborough as a school where you can make an impact. This position will offer an exciting opportunity for the successful applicant to work with us as we continue to develop our thriving and dynamic school.

It has been a privilege to lead Stanborough School from September 2018. My team share an educational philosophy which promotes the highest expectations and consistent pastoral care. Our core aim is to nurture enquiring minds and to inspire our youngsters to pursue their dreams, leaving our school ready to excel in a future which has limitless possibilities.

Our aim is simple, we want to be a truly outstanding school in every sense of the word and we want to be confident that our students get the best possible education that is ambitious, varied and stimulating. At the heart of everything we do is a desire to ensure that our students receive the highest standards of teaching and learning. Our curriculum is broad and academically challenging in order to prepare students for the rigours of further study or work.

At Stanborough, we care passionately about the development of each student's character, their personality and social skills, the way they treat others and the contribution they make to society. We place strong emphasis on outstanding behaviour. Excellent learning is underpinned by excellent behaviour. We expect our students to show respect when interacting with other members of our school community and to uphold the reputation of the school in the local area.

From September 2019 we became an 8 form entry school. Raising our intake number is a reflection of the success and popularity of Stanborough School in the local area.

If you are passionate about education and really feel you can make a positive difference to the school then we look forward to receiving your application to join us at Stanborough.



Mrs M John  
Headteacher



# Stanborough School

Stanborough School is an 11-18 co-educational Academy that sits on the southern fringe of Welwyn Garden City. The school currently has 1099 students. Due to parental demand for places at the school, from September 2019 the school expanded to 8 form entry. This has required a substantial amount of new premises work to be completed which includes a new teaching block as well as a drama and music block.

We pride ourselves in being a fully inclusive school that serves our local community and on being a school that does its best for each individual student so they can achieve their potential during their time at Stanborough.

Stanborough is proud of its community involvement. We work closely with the four other local Secondary Schools as part of the Welwyn-Hatfield 16-19 Consortium. We also take a leading role in hosting and developing a number of other key community developments such as the Handside Schools Partnership with a local special school and primary school.

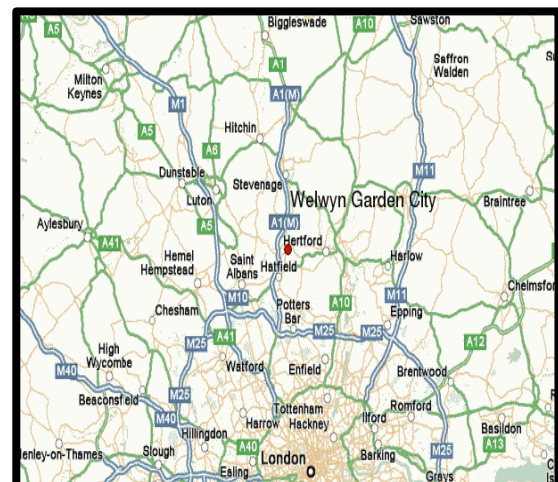
The school boasts excellent facilities including our first-rate IT resources, a legacy of our Specialist Computing Status. With a dedicated Technology block, Sports Hall, Sixth Form Centre and recently refurbished outdoor sports pitches, the students enjoy some outstanding facilities. Our excellent resources in all curriculum areas also show our commitment to giving students a wide variety of curricular opportunities including technology, the performing arts and computing.

Our greatest asset at the school is our staff. We want the best educators for our students and through exceptional retention we have a stable staff with very low turn-over. A number of staff who started at the school as NQTs now find themselves in senior positions at the school.

With the appointment of a new Headteacher from September 2018, this is an exciting time to join the school and become part of an ambitious and hard-working team dedicated to moving the school forward. We are looking for teachers who will embody our four principles of High Expectations; Mutual Respect; Quality Learning and Success for All.







# What can we offer you at Stanborough?

- The chance to work in a thriving, developing and expanding school that puts the student at the heart of everything it does.
- The chance to work with some amazing staff who are passionate about developing the young people in their care.
- A well developed and personally tailored staff development offer that meets the needs of individual staff members.
- An expanding school with great facilities with two current building projects to improve these even further.
- An opportunity to be involved in the 16 – 19 Welwyn Hatfield Consortium, one of the oldest and well-established of its kind in the UK. This involves close links and collaboration with four local schools.
- Great resources for staff, including free parking on site, a laptop loan scheme, good rail and road links to the school and an attractive edge of town location next to Stanborough Lakes and Gosling Sports Park.
- A well-resourced and extensive CPD offer to staff including bespoke sessions in school and a range of nationally recognised experts who deliver tailored sessions specifically for Stanborough staff.



# STANBOROUGH SCHOOL MATHEMATICS FACULTY

The Mathematics team at Stanborough School comprises of a Curriculum Leader, Key Stage 3 and 4 Leaders, a Gifted & Talented Leader who also leads Key Stage 5 and six other teachers. The school's status of a Mathematics and Computing Specialist School has really helped us to enhance the faculty's provision of Mathematics for our students. The Mathematics faculty is committed to developing outstanding teaching and learning through a wide range of innovative approaches and strategies. Communication within team members is strong and they are supportive of each other. Teachers in the faculty bear in mind the importance of enjoyment of learning and the various challenges involved in learning Mathematics while planning lessons.

## **KS3 (Year 7 and Year 8)**

Year 7 students are put into sets based on KS2 data. Set changes are done on the basis of performance in lessons and key assessments. The new scheme of work in KS3 is being developed to ensure that students get plenty of time to practise topics. At the same time, students are also provided plenty of opportunities to extend their learning. Problem solving and functional skills are embedded into the scheme of work to ensure a smooth transition from KS3 to KS4. Consolidation exercises at the end of every topic support students in identifying their strengths and weak areas.



## **KS4**

Students begin the GCSE course in Year 9 when they are put into Higher and Foundation GCSE classes. A common themed scheme of work in Year 9 provides greater flexibility in terms of movement between sets. Year 10 looks at extending the learning from Year 9, and Year 11 focuses on top-end topics and revision through a carefully designed plan personalised for every class, including practice through past exam and practice papers. The faculty also puts emphasis on new ideas and strategies to incorporate into the schemes of work to support students with recall of previous learning and with improving confidence with regards to exam preparation. At Stanborough students follow Edexcel exam board for GCSE Mathematics.

## **Mathematics at 'A' Level**

Mathematics has continued to be one of the most popular and very successful Post 16 option. Entry requirement to embark on this course is Grade 7 or above in GCSE Mathematics. Further Mathematics is offered alongside the 'A' Level Mathematics course, which has the entry requirement of grade 8 or above. We also offer the Level 3 Core Mathematics course. Students follow the OCR syllabus for A Level Mathematics and Further Mathematics.

We also have dedicated STEP examination preparation lessons which are run by our KS5/G&T Leader every week. Every year a number of our students go on to study Mathematics related disciplines at Russell Group Universities.

GCSE Mathematics re-sit is also run as part of the Post 16 transition programme.

## Extra support and Resources

An after school club KS3 as well as KS4 students runs every week to provide support to students with homework or extra practice, and an 'intervention club' runs for targeted Year 7 students alongside the KS3 and KS4 clubs. Targeted Year 11 students also attend Period 6 once a week. There are a range of textbooks to use across all key stages, along with online resources e.g. [www.mymaths.co.uk](http://www.mymaths.co.uk), CollinsConnect, MathsWatch, MEI Integral, etc. and all classrooms are equipped with an Interactive Whiteboard and a visualiser.

## Competitions and Enrichment

The Faculty is committed to providing opportunities to stimulate interest in maths outside the classroom by entering students from all year groups for the UKMT Individual and Team Maths Challenges. Year 10 students are also entered for the Maths Feast—a team competition organised by AMSP which promotes problem solving and communication skills



Students are also given the opportunity to attend a variety of Maths lectures in London and Cambridge, as well as attend the University of Hertfordshire Masterclasses and webinars.

On Fridays, we run a Maths Enrichment Club which is often led by our Further Mathematicians. Along with exploring mathematical theories and proofs, students can be seen working towards the Ritangle competition and The National Cipher Challenge.



# TEACHER OF MATHEMATICS



## JOB DESCRIPTION

**Grade:** Main Pay spine in accordance with qualifications and experience plus Outer London fringe allowance.

**Responsible to:** Curriculum Leader: Mathematics

### Main Purposes:

Teaching of mathematics throughout the school  
To have responsibility for a tutor group.

### Main Responsibilities:

- Teaching mathematics to students of all ages and abilities, ensuring an engaging and inspiring experience for students that maximises achievement.
- Tracking and monitoring students in your classes and intervening effectively to differentiate and support achievement.
- Carrying out assessment, recording and reporting procedures as required.
- Taking part in faculty/departmental meetings and activities.
- Contributing to whole-school discussions and development.
- Undertaking pastoral responsibility for a tutor group, including supporting the Life Skills programme.
- Fulfilling the National Standards for qualified teachers fully in a way consistent with your experience.
- Upholding and supporting the policies and ethos of the school.

This job description sets out the duties of the post at the time it was drawn up and should be seen as describing in more detail aspects of the duties set out in the Education (School Teachers Pay and Conditions of Employment) Act. The Headteacher may vary the duties from time to time without changing their general character or the level of management responsibility entailed.

### Additional information.

All staff at Stanborough have a comprehensive package of support, training and performance management, giving scope for personal and professional development.

It is a requirement of all staff that they sign the IT Acceptable User Policy, and all staff will be expected to attend Safeguarding and Prevent training.

*Whilst every effort has been made to explain the main responsibilities and duties of the post, each individual task to be undertaken will not be identified. Employees will be expected to comply with any reasonable request from a manager to undertake work of a similar level that is not specified in this job description. The job description is current to the date shown but, in consultation with you, it may be changed by the Headteacher to reflect or anticipate changes in the job commensurate with the grade and job title.*



# Teacher of Mathematics Person Specification

## Qualifications

Essential	Desirable
<ul style="list-style-type: none"> <li>• Qualified teacher status</li> <li>• First degree</li> <li>• Understanding of child safeguarding issues and successful measures that promote and ensure the safeguarding of children</li> <li>• Knowledge of current legislation, guidance and developments relating to the subject area</li> <li>• Meets National Standards for NQT</li> </ul>	<ul style="list-style-type: none"> <li>• Continuous on-going Continuous Professional Development</li> <li>• Willingness and desire to undertake further professional development and training</li> </ul>

## Knowledge and skills

Essential	Desirable
<ul style="list-style-type: none"> <li>• The ability to demonstrate good subject and curriculum knowledge</li> <li>• Successful experience in teaching mathematics (including teaching practices)</li> <li>• The ability to manage behaviour effectively to ensure a good and safe learning environment</li> <li>• An understanding of the principles of good classroom management and planning</li> <li>• Ability to challenge and support all students to do their best.</li> <li>• Holding positive values and attitudes and adopt high standards of behaviour in a professional role</li> <li>• An understanding of and commitment to equal opportunities for all students</li> <li>• Genuine commitment to high quality teaching</li> <li>• Ability to challenge and support all students to do their best</li> </ul>	<ul style="list-style-type: none"> <li>• Knowledge of recent initiatives and issues in education</li> <li>• Using IT as a curriculum tool to improve standards</li> <li>• Having an extensive knowledge and well informed understanding of a range of learning, teaching and behaviour management strategies</li> <li>• Involvement in, and organisation of, wider school activities, including extra-curricular activities</li> </ul>

## Professional Attributes:

Essential	Desirable
<ul style="list-style-type: none"> <li>• Holding positive values and attributes and adopt high standards of behaviour in a professional role</li> <li>• An understanding of, and commitment to, equal opportunities for all students</li> <li>• Genuine commitment to high quality teaching</li> </ul>	<ul style="list-style-type: none"> <li>• A willingness to participate actively in the life and work of the school to support its ethos and culture</li> </ul>

## Personal skills:

Essential	Desirable
<ul style="list-style-type: none"> <li>• Highly effective communication skills with both children and adults</li> <li>• Effective time management skills and an ability to meet deadlines and work under sustained pressure</li> <li>• Commitment to implementing whole school policies relating to the safeguarding of children</li> </ul>	<ul style="list-style-type: none"> <li>• Proven track record of successful teamwork</li> </ul>

The above will be evidence by a variety of means including:

Application Form

Letter of application

References

Interview process

# How to apply and the Selection Process

**5<sup>th</sup> – 19<sup>th</sup> January 2021**

**Application Window**

**19<sup>th</sup> January 2021  
(9 a.m.)**

**Deadline for applications**

Applications should be sent to [sdelaney@stanborough.herts.sch.uk](mailto:sdelaney@stanborough.herts.sch.uk)  
Including a Stanborough Application Form

**26<sup>th</sup> January 2021**

**Formal interview at the school**

