

Stanborough



# **TEACHER of Mathematics**

## **Information Pack for Candidates**

### **January 2022**

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**Grow and Succeed**

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High Expectations | Mutual Respect | Quality Learning | Success for All

# Welcome

January 2022

Dear Candidate,

Thank you for your interest in the role of Teacher of Mathematics at Stanborough School. 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 Art and Technology block, Sports Hall, Sixth Form Centre and recently constructed new teaching block and Music and Drama block 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. We have a strong support team and many staff have remained with the school for several years.

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 support staff and teachers who will embody our four principles of High Expectations; Mutual Respect; Quality Learning and Success for All.





# Welwyn Garden City

Welwyn Garden City is a town in Hertfordshire with a population of just under 50,000 people. Welwyn Garden City was the second Garden City to be built, founded in 1920 and it exemplifies the physical, cultural, social and planning ideals of the time it was built.

## Location and Transport Links

Welwyn Garden City enjoys superb communication links. Stanborough School sits five minutes from the A1(M) and approximately 10 minutes from the M25. The M1 is only a 30 minute drive away. The train station in Welwyn Garden City is on the main East Coast Line linking Scotland to London and Kings Cross station is a 30 minutes train journey.

Luton Airport is less than 30 minutes away and both Heathrow and Stansted Airports are less than an hour's drive away. The town is also a central hub for local bus services which link it to the rest of Hertfordshire.

## Facilities and Amenities

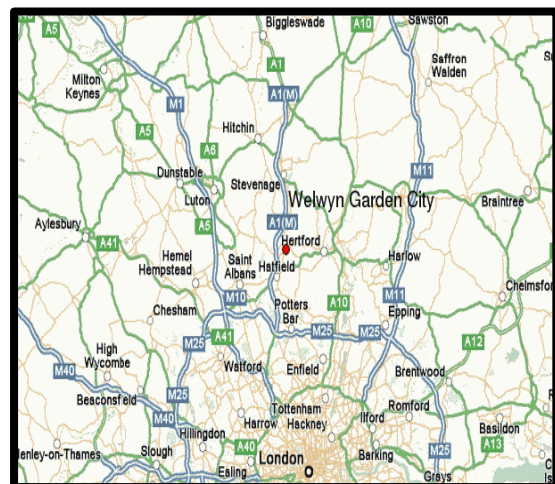
Stanborough School is a two minute walk from the Gosling Sports Park and is only a short car/bus journey to the University of Hertfordshire Sports Village in Hatfield. A range of shops, bars, restaurants and cafes can be found in the Town Centre as well as in the local Galleria shopping centre. St Albans, Hitchin and Hertford are all around 30 minutes away and all offer a range of retail and leisure experiences.

The town also has the QEII Hospital, a theatre, cinema and numerous other cultural and leisure facilities. Stanborough School lies at the southern edge of the town and the school grounds back onto the Stanborough Lakes Country Park.

## Housing and Accommodation

A range of accommodation options are available in the local area and there is a thriving rental market. The excellent transport links allow many staff at the school to live in other parts of Hertfordshire as well as North London.

Help and advice can be given by the school if accommodation is required.



# Stanborough School Mathematics Faculty

The maths faculty is a successful Curriculum area, well respected by both staff and students. The team of 13 teachers includes a Curriculum Leader, Key Stage 3 and 4 Leaders and a STEM Leader. The school's status as a Mathematics and Computing Specialist School has really helped us to enhance the faculty's provision of maths for our students. Stanborough School maths faculty is innovative and dynamic, and you would be part of a very welcoming and supportive team.

The faculty area is a suite of ten classrooms and a faculty office and it has its own purpose built ICT facilities. In addition, the school has ten computer rooms, which can be booked when required. All maths classrooms are equipped with an interactive whiteboard.

## Vision

Our teaching puts immense emphasis on deepening students' understanding in order for them to become competent at applying relevant facts and procedures. In the classroom, all students are encouraged to ask questions and explore alternative methods. One of the key aspects of the Curriculum is to enable students to understand how different areas of maths are connected. Making students aware of the applications of maths in the world around us is an integral part of our lesson planning.

## KS3

Our KS3 curriculum builds on content learnt in KS2. A smooth transition and meaningful progression is enabled through schemes of work, which are designed by careful consideration of sequencing and content. Students learn maths in ability based sets. Setting is done using prior attainment, CATs and a baseline maths test. Based on particular needs and abilities, different classes will progress through the content at different speeds. Since there is similarity in topics learnt across all sets, there will be greater flexibility in movement across sets. Students will be able to access the textbook used in the classroom from home. We have also subscribed to a number of user friendly and effective online resources, examples of which are [www.mymaths.co.uk](http://www.mymaths.co.uk) and [www.vle.mathswatch.co.uk](http://www.vle.mathswatch.co.uk). These will support students to carry out independent study, research and reinforcement of work done in class. These are often also used to set homework.

## KS4

At Stanborough, we follow the Edexcel Exam Board for the GCSE in maths and the KS4/GCSE Curriculum is introduced in year 9. Students will be placed either in a Higher or a Foundation GCSE class. A larger proportion of the students will follow the Higher GCSE Curriculum. Similarity in topics learnt across all classes will enable effective movement across sets in KS4 as well. In year 9, students will explore and extend learning done in KS3 as well as bridge any gaps from KS3. Learning in year 10 will build on material covered in year 9, and in year 11 the focus will be on learning the 'top end' topics. Consolidation of learning and provision of personalised learning goals through assessments will continue throughout KS4. Independent study, research and reinforcement will continue through our subscribed resources. Alongside delivery of the KS4 Curriculum, students are offered plenty of experience in solving exam style and past exam questions related to the GCSE assessment objectives.

At Stanborough, we don't ask *whether* you are going to study maths at sixth form, but rather "What maths are you going to study?" We have a range of options available to suit all attainment levels, interests and future plans. Stanborough's sixth form is very highly regarded across all subjects, and is especially noted for its provision of maths. We follow the OCR exam Board for the various courses that we offer in maths.

For those who have achieved at least a standard pass (grade 4) at maths GCSE, we offer Core Maths as an enrichment option that can help students to apply the skills they have learned at GCSE to practical contexts in real-life and in their other subjects. In particular, Core Maths supports the study of science, geography, business studies, psychology and economics.

For those achieving at least a grade 7 in their maths GCSE, A level maths is a popular subject choice and Stanborough achieves very good results. A Level Maths builds from GCSE level maths and introduces calculus and its applications, mechanics and advanced statistics. Studying maths at A level prepares students for further study and employment in a wide range of disciplines involving the use of maths.

For those who enjoy maths and want an extra challenge, we offer Further Maths at AS and A level. This is an excellent choice for those wishing to pursue a university degree or career in science, technology, engineering or finance. As well as learning new areas of pure maths students will study further applications of maths in mechanics and decision maths. AS and A Level Further Maths build on, and so are studied alongside, A Level Maths.

### **Extra-Curricular Activities and Enrichment**

Students who show an aptitude for maths are entered in the United Kingdom Mathematics Trust Maths Challenges at the appropriate level each year. Top performers are awarded Bronze, Silver and Gold certificates and the highest scorers qualify for additional follow-on rounds. A number of students in each year group are selected to represent the school in further team maths competitions.

Trips are a regular occurrence in maths for students in all key stages. In addition to team competitions,

students attend Maths Inspiration shows and other popular lectures. A weekly maths enrichment club for students of all ages includes extended projects and mathematical games as well as problems and puzzles.





# 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 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 including a new teaching block with 17 classrooms as well as a new Music and Drama block.
- 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, good rail and road links to the school and an attractive edge of town location next to Stanborough Lakes and Gosling Sports Park.



# 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.*

January 2022



# Teacher of Mathematics Person Specification

## Qualifications

Essential	Desirable
<ul style="list-style-type: none"> <li>• Qualified teacher status or NQT/ECT</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>•</li> </ul>	<ul style="list-style-type: none"> <li>• Continuous on-going 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

**10<sup>th</sup> – 24<sup>th</sup> January 2022**

## **Application Window**

Visits to the school for a tour and a meeting with the Headteacher before applying are encouraged.

**24<sup>th</sup> January 2022**

## **Deadline for applications**

**(9 a.m.)**

Applications should be sent to [jhonourjones@stanborough.herts.sch.uk](mailto:jhonourjones@stanborough.herts.sch.uk)

All candidates will be contacted by email, both those shortlisted and those not successful. Details about date and time of final interviews will be given to successful candidates. Candidates will also be given a topic to prepare for their lesson observation prior to interview.

**Thursday 3<sup>rd</sup> February 2022**

## **Formal interview at the school**

