WATFORD GRAMMAR SCHOOL FOR GIRLS

Headmistress: Miss Sylvia Tai BA (Hons)

INFORMATION PACK FOR APPLICANTS

Name of Post:	**Teacher of Computer Science & Design and Technology** **0.6 FTE**
Required from:	**September 2022**
Location:	**Watford, Hertfordshire**
Closing Date:	**noon 2nd March 2022**
Interviews:	**tba**

Thank you for requesting details of the above post. The following documents form part of this pack: this applicant letter, job description and person specification. In order to apply please use the teaching staff application form on our website, and make yourself familiar with our child protection and safer recruitment policies, also on the website. Please complete the Equalities Monitoring form via the link.

You are welcome to send a copy of your CV however it must be accompanied by a fully completed and signed application form. A CV alone will not be considered. The application form can be completed and returned electronically however if this is the case it will need to be signed in person if you are called for interview.

Completed application forms will not be acknowledged. Successful applicants will be notified within two days of the closing date. Applicants who are not called for interview will not be informed that they have been unsuccessful.

Applicants invited for interview will be required to provide <u>original</u> copies of relevant qualifications for verification, including for teachers evidence of their degree certificates and teaching qualifications,. as well as documentation to comply with the provisions of the Immigration, Asylum and Nationality Act 2006. Details of documents required will be specified in letters to those called for interview.

Contact details for Return of Completed Application forms and other enquiries:

Sue Granville
EA to Headmistress
HR Manager

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Registered in England & Wales   Company No: 07348254   Registered name and address as detailed

Watford Grammar School for Girls
Lady's Close,
Watford, Hertfordshire
WD18 0AE

WATFORD GRAMMAR SCHOOL FOR GIRLS

COMPUTER SCIENCE DEPARTMENTAL INFORMATION

The Computer Science Department is a small but growing and friendly department of experienced teachers. Some of these are Computer Science specialists and others are specialists from other subject areas but all have an interest and enthusiasm of Computer Science as a subject. The Department has its own teaching rooms with four rooms of 30+ computers; each classroom has an interactive whiteboard.

Computing is taught to all girls in each of Years 7-9. This involves teaching coding from year 7 onwards, starting with visual coding languages such as Scratch and Kodu then leading onto Python in preparation for GCSE level. Throughout Key Stage 3 the girls are taught in teaching groups of mixed ability groups. At Key Stage 4, girls can choose Computer Science as one of their GCSE options; we follow the AQA syllabus starting September 2019. In September 2018, we started the AQA syllabus for A-level computing and this will continue. There are a growing number of girls choosing to study Computer Science with our intake increasing year on year. We hope that this will translate into even more girls choosing to study it at A Level.

The school has an academic Sixth Form; girls study A levels. We do not offer any vocational subjects or diplomas. Of the 200 girls in year 13, approximately 95% will continue on to Higher Education. Some girls will take Computer Science degrees. Increasing numbers of girls are going on to study Engineering at Universities such as Cambridge, Edinburgh and Sheffield.

Broad Aims of the Department

1. To provide an environment where pupils are able to fulfil their potential in Computer Science, equipping themselves with the skills required to use Computer Science effectively in their Further Education and future career

2. To ensure that all pupils attain an understanding of Computer Science, enabling them to attain a qualification that will allow them to move on and access any future opportunities that they wish to follow.

3. To use the knowledge and enthusiasm of the staff working in the department to inspire an interest in and confidence when working with computers, allowing the girls to enjoy a sense of wonder, fostering a sense of discovery.

DESIGN &TECHNOLOGY DEPARTMENTAL INFORMATION

Design & Technology is a small department run by an experienced teacher supported by one workshop technician. The D&T curriculum focuses on the use of Resistant Materials and CADCAM with an emphasis on sustainable design, engineering and designer influences. The department has its own specialist teaching rooms including three workshops and access to two IT rooms of 30+ computers.

D&T is taught to all students in Years 7 to 9, and is optional at GCSE. The D&T curriculum is delivered in the form of folder work to help create a framework for students to work within. At the beginning of Year 7, students are introduced to graphical communication and problem-solving skills. These form the foundation for each consecutive project up to the end of Year 9. Students are taught Resistant Materials-based practical skills, which become more detailed from one material area to the next. CADCAM and Engineering/Electronics are introduced in Year 8 and continue into Year 9 and GCSE. Students are taught in mixed ability form groups. Year 7 are taught for the whole academic year, and Years 8 and 9 for half a year.

At Key Stage 4, students can choose D&T as one of their GCSE options. We follow the AQA syllabus. Teaching groups are small, which allows for more time to support students individually. Year 10 complete four mini-projects and theory to help them prepare for the Year 11 non-exam assessment and written exam.

Broad Aims of the Department:

1. To provide an environment where students are able to fulfil their potential in D&T by equipping them with the skills required to demonstrate their designing and practical knowledge effectively in Further Education and future careers.

2. To ensure that all students have an understanding of D&T, enabling them to gain a qualification that will allow them to progress and access any future opportunities that they wish to follow.

3. To use the knowledge and enthusiasm of the staff working in the department to inspire students to express their creativity, work confidently and independently.

Watford Grammar School for Girls

Person Specification

Position: Teacher of Computer Science and Design & Technology.   Department: Computer Science

	Requirement	If ticked this is essential	How this will be assessed
Qualifications	Committed to projecting and encouraging the profile of Computing throughout the school Good honours degree in Computer Science or a related subject	*Essential*	*Application form.*
Specific Training Requirements	Teaching qualification.	*Essential*	*Application form.*
Experience	An outstanding teacher with the ability to teach Computing throughout the school up to and including GCSE level The ability to code – preferably in the Python programming language	*Essential* *Essential*	*Application form.* *Lesson observation* *Interview*
Knowledge	IT skills and experience of using ICT in teaching.	*Essential*	*Application form.* *Interview*
Skills and Competencies	Excellent organisational and administrative skills. Ability to teach Resistant Materials and CAD to KS3 Design & Technology, or a willingness to train to do so.	*Essential* *Desirable*	*Application form.* *Interview*
Communication skills	Articulate and accurate communication.	*Essential*	*Application form.* *Lesson observation* *Interview*
Personal Attributes	A commitment to raising achievement and providing challenge in all lessons. Ability to work as part of a team. Willingness to take a full part in extended-curricular activities, including day trips. In sympathy with the aims of the school. Enthusiasm, energy, initiative and a sense of humour.	*Essential* *Essential* *Essential* *Essential* *Essential*	*Application form.* *Interview.*
Other			

Applicants called for interview should note that the interview itself (and/or any additional tasks to be performed, if applicable) will, as appropriate to the role:

(i)   Focus on the requirements to carry out the duties of the job, as described
(ii)   Explore issues relating to the safeguarding and promoting the welfare of children, including:
  ➢ Motivation to work with children and young people
  ➢ Ability to form and maintain appropriate relationships and personal boundaries with children and young people
  ➢ Emotional resilience in working with challenging behaviours
  ➢ Attitudes to use of authority and maintaining discipline.
(iii)   Be used to explore any relevant issues arising from references received.

All applicant packs and adverts
Safeguarding also for job descriptions.

Applicant Pack inserts
Benefits

- *Generous sickness and maternity pay schemes (after a qualifying period)*
- *Employer contributions of in excess of 20% to the Local Government Pension Scheme (if not opted out).*
- *Currently permanent staff, after a qualifying period two years, benefit from preferential admission criteria for their daughters. https://www.watfordgrammarschoolforgirls.org.uk/admissions/year-7-entry-forms/*
- *Subsidised rates for membership of the school's vibrant leisure facility, "Fuller Life", including use of a swimming pool.https://www.fullerlifefitness.co.uk/*
- *Free on-site parking*
- *Proximity to Watford Town Centre*

Safeguarding

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

All appointments are subject to satisfactory pre-employment checks including a satisfactory Enhanced Criminal Records with Barred List check through the DBS.

The post you are applying for is exempt from the Rehabilitation of Offenders Act 1974 and applicants will be required to declare any convictions, cautions, reprimands and warmings that are not "protected" (as defined by the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975 (as amended in 2013 and 2020).

Those working with children under the age of 8 will be required to make a declaration under the statutory guidance 'The Childcare (Disqualification) and Childcare (Early Years Provision Free of Charge) (Extended Entitlement) (Amendment) Regulations 2018' issued by the Department for Education (DfE).

The school has a duty, under the Immigration Act 2016, to ensure that its employees in customer facing roles speak fluent English (or Welsh or English in Wales) to an appropriate standard, so that a high quality service can be provided to the public. This is known as the 'fluency duty' and it applies to all public sector staff who regularly interact with the public in customer facing roles.

ADVERTS ONLY

The school is committed to safeguarding and promoting the welfare of young people and expects all employees to share this commitment. Full information is in the applicant pack.