

Wood Green School



Candidate Information Pack
Teacher of Computer Science & IT

Details of the Post

Job Title:	Teacher of Compute Science & IT
Start date:	September 2023
Status of post:	Permanent, full time or part time
Closing date for application:	10 th February 2023
Interview Date:	

WELCOME – Headteacher

Dear Prospective Candidate,

Thank you for your interest in our post. Wood Green School is an oversubscribed 11-18 Academy school serving the town of Witney and surrounding villages.

This is a very exciting time for Wood Green. We have a clear vision of a Wood Green student, and we are developing our Baccalaureate that encourages and celebrates everything that a school should develop in young people: engagement in all subjects, learning skills such as research and communication and personal skills such as thoughtfulness for others. We believe strongly in a culture of mutual respect and strong relationships, demonstrated in our Behaviour Policy built on restorative principles and our Diversity, Equality and Inclusion Policy. Everything is underpinned by our LEARNWell values. Our strong reputation and results improving year-on-year have led to a rapid rise in student applications.

Wood Green School is part of the Acer Multi-Academy Trust. The Acer Trust consists of seven schools: Wood Green School, Chalgrove Primary School, Stadhampton Primary School, Botley Primary School, Icknield Community College, Watlington Primary School and Matthew Arnold School.

All seven schools have strong track records of high performance or rapid improvement and share similar values. This partnership adds real benefit to Wood Green School, especially opportunities for staff development. The key values of the Acer Trust are Trust, Collaboration and Opportunity.

Wood Green has developed several innovative external partnerships, for example with Nuffield Health for Wellbeing, Oxford University for teacher development and student access to the university and with the National Baccalaureate Trust. These all bring great opportunities for students, and also for staff development. I believe that investing in staff is crucial to achieving our mission. At Wood Green, we provide a comprehensive programme of staff development, sharing best practice in-school and giving staff the opportunity to work with other schools through our local and national partnerships. All teaching staff have the opportunity to undertake the OLEVI Teacher Programmes, to carry out action research with Oxford University and to work with coaches in school. Our work with Nuffield Health considers staff as well as student wellbeing.

Thank you again for your interest in this post and I hope to receive your application in the near future.

Yours sincerely



Rob Shadbolt
Headteacher

Our School Philosophy

“Head, Hands and Heart”



Our School Philosophy can best be summarised by the phrase ‘Head, Hands and Heart’. Head, Hands and Heart represents the whole child:

- The Head represents learning
- The Hands represent creativity and practical skills
- The Heart represents respect and nurture for others and ourselves.

Mission, Vision and Values

Mission Statement

“Our mission is to develop exceptional, well-qualified and well-rounded young people who make a positive contribution to our school, our community and the world.”

Our Vision Statements:

Wood Green students

- I. Are inquisitive, independent and creative thinkers who communicate powerfully, respond well to feedback and who work well by themselves and with others
- II. Believe they can improve, are proud to try hard and to be successful and are not scared to fail
- III. Have integrity and honesty and take responsibility for themselves
- IV. Manage themselves well and develop good relationships with all students and staff
- V. Take care of others, their community and their environment and respect all others
- VI. Know how to keep themselves healthy and safe
- VII. Achieve highly and leave prepared for their next exciting challenge

Our Values

Our LEARNWell values reflect our commitment to developing the whole person and underpin everything we do:

LEARNING **E**FFORT **A**SPIRATION **R**ESPECT **N**URTURE **W**ELLBEING

Department Information

The Computing Department is a small department which closely works with IT support and other departments in school. We work closely with the Personal Development team with our e-Safety content; and with D&T for the engineering side of the subject. Programming is taught using Scratch, Python and the control system software, Flowol. In addition, Microsoft Office skills are taught with the emphasis of coursework delivery in all subjects. The Department has had very impressive results, at GCSE and would like to appoint a Head of Department who will be able to contribute to its further development; one main thread of this development will be to introduce A Level Computer Science from September 2023. We encourage leadership skills in Computing and our older students often help out in programming lessons at KS3.

Staffing

The Department of Computing consists of one specialist teacher and a small team of KS3 teachers of Computing. We work collaboratively across all Key Stages and opportunities for career development and progression are made available whenever possible. The Department is based in the IT suite of three rooms alongside Business Studies and Economics.

Ethos

The Department is committed to developing resilient learners who are confident programmers and secure in their technical knowledge. We encourage teamwork in the form of project-based assessments and provide feedback in order to develop and improve student's self-confidence and skills. We directly challenge students to examine their own work, learn from their mistakes and understand that these are all steps necessary in the pursuit of success.

The department works with high expectations to develop the confidence and individuality of students and enable them to develop their personal skills in a happy, supportive and motivated environment.

It is the Department's aim that every student is prepared for the digital world and be able to manage technology as expected by the world of work when they leave the school.

Curriculum

The Curriculum taught is varied and is based on a combination of skill-based learning, repetition, and Computer Science theory. It focuses on aspects of programming skills, Microsoft Office skills and uses the Software development Life Cycle for its project settings. Students are encouraged to explore beyond what is taught and to be aware of technological changes in today's world. At KS3 pupils are also taught the lighter side of computing in the form of Movie Editing and Drawing packages which are used cross curricular.

Key Stage 3

At Key Stage 3 all students in years 7 and 8 are taught in mixed ability groups which follow the National Program of Study for Computing.

In Year 7 students are introduced to control systems with the view to teaching algorithms and automation. BBC Micro bits are utilised as part of the curriculum to expand the students' experience in programming. Students are also taught in depth the principles of cybersecurity with an emphasis of their own e-Safety.

In Year 8 students are introduced to more programming skills involving both web and game design. The emphasis in Year 8 is on the software development life cycle where students employ the techniques actively in their project-based topics and the documentation that they produce in the course of their projects

Throughout the year all students are encouraged to use Office products in their documentation and project with a view to improve their office software skills in preparation for their KS4 subjects and also for the world of work. Office products covered are spreadsheets, word processing and presentations and the use of emails and other related products.

Key Stage 4

At Key Stage 4 students are offered GCSE Computer Science (AQA). We currently have one group in Year 11 and one in Year 10, taught in mixed ability groups.

Department Development and Future Plans

As a department we are currently working on how to improve our KS3 assessments to allow for better feedback to students. We are also working to raise the level of challenge at KS3 to help equip students for the more challenging GCSE course. As well as this, we are continuing to explore ways to increase student confidence in the written exam at GCSE. This includes developing resources, coaching each other and working with another school within the West Oxfordshire Partnership.

Computer Science - GCSE Results 2022 compared to Fischer Family Trust 50

			Result Grade											Below Comparison			Same As Comparison		Above Comparison	
	#	%	Other	U	1	2	3	4	5	6	7	8	9	#	#	%	#	%	#	%
Comparison Grade	Other													0	0	0.00%	0	0.00%	0	0.00%
	U													0	0	0.00%	0	0.00%	0	0.00%
	1													0	0	0.00%	0	0.00%	0	0.00%
	2													1	0	0.00%	1	100.00%	0	0.00%
	3													5	1	20.00%	0	0.00%	4	80.00%
	4													6	2	33.33%	0	0.00%	4	66.67%
	5													3	1	33.33%	2	66.67%	0	0.00%
	6													4	1	25.00%	0	0.00%	3	75.00%
	7													1	0	0.00%	0	0.00%	1	100.00%
	8													1	0	0.00%	0	0.00%	1	100.00%
	9													0	0	0.00%	0	0.00%	0	0.00%
	#		0	0	1	3	0	3	5	4	0	3	2	21	5	23.81%	3	14.29%	13	61.90%

Less Than Comparison
Same As Comparison
Above Comparison

Job Description

Job Title	Teacher of Computer Science & IT
Job Description	This job description forms part of the contract of employment of the successful applicant. The appointment is subject to the conditions of employment of Teachers contained in the School Teachers' Pay and Conditions document and other current educational and employment legislation.
Review Date of Job Description	January 2020
Establishment	Wood Green School, Woodstock Road, Witney, OX28 1DX
Responsible to:	Head of Computer Science & IT
Responsible for:	Teaching and supporting all designated classes in
Purpose of Post	<ul style="list-style-type: none"> To implement and deliver an appropriately broad, balanced, relevant and differentiated curriculum for students and to support a designated curriculum area as appropriate To monitor and support the overall progress and development of students as a Teacher/Form Tutor To facilitate and encourage a learning experience which provides students with the opportunity to achieve their individual potential. To contribute to raising standards of student attainment To share and support the school's responsibility to provide and monitor opportunities for personal and academic growth
Teaching	<ul style="list-style-type: none"> To undertake a designated programme of teaching across all key stages Teach consistently high-quality lessons Plan and deliver schemes of work and lessons that meet the requirements of the KS3, 4 and 5 Be a role model for students, inspiring them to be actively interested in Computer Science To maintain appropriate records and to provide relevant accurate and up-to-date information for systems To complete the relevant documentation to assist in the tracking of students Set expectations for staff and students in relation to standards of achievement and the quality of learning & teaching Prioritise and manage time effectively, ensuring continued professional development in line with the role To follow the school policies and procedures To ensure the effective/efficient deployment of classroom support To maintain discipline in accordance with the school procedures, and to encourage good practice with regard to punctuality, behaviour, standards of work and homework Follow schemes of work for Computer Science & IT at all Key stages Promote aspects of Personal Development related to Computer Science & IT Updating professional knowledge and expertise as appropriate to keep up to date with developments in teaching practice and methodology, in general, and in the curriculum area of Computer Science & IT Promote Computer Science & IT learning through out of hour's activities Ensuring a high-quality learning environment throughout the Computer Science & IT area.

Assessment, Feedback and Tracking	<ul style="list-style-type: none"> • To lead, monitor and evaluate the assessment and feedback to students in line with whole school and department policy • To follow department monitoring and tracking systems relating to students' attainment, progress and achievement • Mark, grade and give written/verbal and diagnostic feedback as required • Undertake assessment of students as requested by external examination bodies, curriculum areas and school procedures • Assess, record and report on the attendance, progress, development and attainment of students and to keep such records as are required • Complete the relevant documentation to assist in the tracking of students • To follow department policy regarding department tracking of student progress and use information to inform learning and teaching • Follow setting and co-ordinating assessment arrangements in Computer Science & IT at all Key Stages, and in all areas as required by school policies, including standardising those assessments.
Staff Development	<ul style="list-style-type: none"> • To continue personal development in the relevant areas including subject knowledge and teaching methods • To engage actively in the Performance Management process • Participate in whole school CPD programmes • To take part in the staff development programme by participating in arrangements for further training and professional development.
Student Support and Progress	<ul style="list-style-type: none"> • To be a Form Tutor to an assigned group of students • To promote the general progress and well-being of individual students and the Tutor Group as a whole • To liaise with the relevant pastoral leaders to ensure the progress of students • To register students, accompany them to assemblies, encourage their full attendance at all lessons and their participation in other aspects of school life • To evaluate and monitor the progress of students and keep up-to-date student records as may be required • To lead the National Baccalaureate within the tutor group • To contribute to the preparation of Action Plans and other reports as required • To alert the appropriate staff to problems experienced by students • To communicate as appropriate, with the parents of students and with persons or bodies outside the school concerned with the welfare of individual students, after consultation with the appropriate staff. • To contribute to PSHE and citizenship and enterprise according to school policy • To apply the Behaviour for Learning policy so that effective learning can take place • Meet with students over whom there are concerns and contact home where necessary in conjunction with student support team and department heads.
Safeguarding	<p>Be keenly aware of the responsibility for safeguarding children and to help in the application of the Safeguarding and Safe Practices policy within the school. Comply with the school's Safeguarding Policy in order to ensure the welfare of children and young persons.</p>

Person Specification

CRITERIA	QUALITIES
Qualifications and training	<ul style="list-style-type: none">➤ Qualified teacher status➤ Successful teaching experience➤ Evidence of professional development relevant to this role
Skills and knowledge	<ul style="list-style-type: none">➤ Good classroom practice, constantly showing a positive and resilient approach to students and staff➤ Excellent communication and organisational skills➤ Knowledge of effective teaching and learning strategies➤ A good understanding of how children learn➤ Ability to adapt teaching to meet students' needs➤ Ability to build effective working relationships with students➤ Knowledge of guidance and requirements around safeguarding children➤ Knowledge of effective behavior management strategies➤ Effective communication and interpersonal skills➤ Ability to build effective working relationships with staff and other stakeholders
Personal qualities	<ul style="list-style-type: none">➤ High expectations for all students and belief in bringing out the best in all➤ Commitment to upholding and promoting the ethos and values of the school➤ Commitment to always act with integrity, honesty, loyalty and fairness to safeguard the assets, financial integrity and reputation of the school➤ Ability to work under pressure and prioritise effectively➤ Commitment to maintaining confidentiality at all times➤ Commitment to equality

We are not looking for the impossible! If you think that you have at least some of these attributes, we would very much like to hear from you.

Appointment will be subject to enhanced DBS check, qualifications and experience checks and satisfactory references.



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