ST EDMUND'S COLLEGE & PREP SCHOOL

Rooted in Christ and Catholic tradition and under the guidance of its patron, St Edmund's aims to realise the God-given potential, in body, mind and spirit, of all members of its community through service and leadership.

Avita Pro Fide !

The College is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

Role title:	Computer Science and Mathematics Teacher		
Reporting to:	Head of ICT / Computing and Head of Mathematics		
	Essential	**Desirable**	**Method of assessment**
Qualifications	• Good (Honours) Degree with Computing or equivalent / Mathematics or Further Mathematics as a main component • Post Graduate Qualification in Education / QTS status or equivalent		Production of the Applicant's certificates
Experience	• Experience of teaching GCSE and A Level Computing. • A thorough understanding and commitment to the role of Computing and Mathematics. • A good knowledge of a wide range of teaching materials and how to implement these effectively in the classroom • Experience of Python programming, • Web publishing knowledge, understanding of Internet & web technologies and/or HTML & CSS • Experience of teaching KS3 and KS4 Mathematics • Sound knowledge of the new grading system for KS4 Mathematics • A good understanding of the new A Level structure in Mathematics • A good understanding of Internet safety • Knowledge of and an interest in modern technologies • A good understanding of good practice and the use of effective Internet searching • Full commitment to CPD • Is a sound classroom practitioner	• Experience of teaching Computing as per the Computing Progression Pathway of the National Curriculum Programme of Study. • Experience of Teaching A Level Mathematics or Mathematics IB Diploma Programme. • Confidence with Binary and logic • A good understanding of Network technologies • A very good working knowledge of Microsoft Office (Word, Excel, Access, Publisher & PowerPoint) • Some experience of a graphical programming language, for example Scratch at KS3 • Some experience of text based programming languages to complement Python programming • Experience of teaching ICT • Knowledge of databases and SQL • Experience of working with young people in a school setting	Contents of the application form Interview Professional references

Skills & Knowledge	• An innovator, excited by change, able to turn innovative thinking into practical and successful classroom outcomes • An effective and empathetic communicator who can inspire students at a range of levels • A strong team player – motivated and committed to the department's aim to achieve ever better results • Has the ability to treat all with respect • Possesses effective communication skills, both written and spoken, for dealing with pupils, parents and staff • Possesses good organisational skills • Pays attention to detail • Has the ability to work with flexibility and with initiative • Is self-motivated and able to motivate • Sets high standards for self and others • Is fully committed to the departments and will contribute to the departmental plans • Is willing to hold people to account • Has the ability to engage in the wider life of the school and contribute to this		Contents of the application form Interview Professional references
Personal competencies and qualities	• 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 • Positive attitude to use of authority and maintaining discipline • Is responsible, honest and reliable • Is personable, willing and helpful • Is independently strong and confident, as well as being a team player • Has the ability to work calmly under pressure with a professional disposition • Is an organised and methodical thinker • Adopts a "Can do" attitude • Is pragmatic • The ability to support an extra-curricular activity in IT and / or Mathematics • A good sense of humour	• Has a thorough understanding and commitment to the role of Computing and Mathematics in education and can use this knowledge effectively • Demonstrates good knowledge of a wide range of teaching materials and implements these successfully in the classroom	Contents of the application form Interview Professional references

The College is committed to safeguarding the welfare of children,
therefore, all candidates will be required to undergo an Enhanced DBS check.

We may take up references, before short-listing has taken place, which will include questions about past disciplinary actions or allegations in relation to behaviour with children and may approach previous employers for information to verify particular experience or qualifications.