Teacher of Computer Science

You will be responsible for teaching IB higher and standard level Computer Science, IB Information Technology and Global Society Extended Essay, GCSE Edexcel Computer Science and KS3 Computer Science to an excellent standard. Applicants with extensive IB and A' level experience coupled with experience of supervising Extended Essays will have a distinct advantage.

Employed by: NCBIS to support the vision, positive ethos and policies of the school.

Responsible to: *Head of Department*

Qualifications: *degree. PGCE, QTS or equivalent*

Experience: *minimum 3 years teaching.*

KEY DUTIES OF THE ROLE:

A. Safeguarding and health and safety duties
- To be fully aware of the principles of safeguarding as they apply to vulnerable children in relation to the role.   - To ensure that the designated member of staff for child protection is made aware and kept fully informed of any concerns which the post holder may have in relation to safeguarding and/or child protection.   - Conduct practical investigations by adhering to health and safety regulations.
B. Set high expectations which inspire, motivate and challenge pupils
- establish a safe and stimulating environment for pupils, rooted in mutual respect   - set goals that stretch and challenge pupils of all backgrounds, abilities and dispositions   - demonstrate consistently the positive attitudes, values and behaviour which are expected of pupils   - Guide pupils to reflect on the progress they have made and their emerging needs
C. Demonstrate good subject and curriculum knowledge
have a secure knowledge of the relevant subject(s) and curriculum areas, foster and maintain pupils' interest in the subject, and address misunderstandings

- be confident in supervising science fair projects at KS3, internal assessments and extended essays at IB level.
- A thorough knowledge of HTML, Python, Google apps for education and the Microsoft Office Suite (Including Microsoft Access)

D.   Plan and teach well-structured lessons

- promote a love of learning and children's intellectual curiosity
- encourage students to conduct experiments concisely and safely.
- contribute to the design and provision of an engaging curriculum within the relevant subject area(s)
- chunk challenging content and present in a systematic manner so that students of all abilities can follow.

E. Adapt teaching to respond to the strengths and needs of all pupils

- have a secure understanding of how a range of factors can inhibit pupils' ability to learn, and how best to overcome these
- demonstrate a clear understanding of the needs of all pupils, including those with special educational needs; those of high ability; those with English as an additional language; those with disabilities; and be able to use and evaluate distinctive teaching approaches to engage and support them.

F. Make accurate and productive use of assessment

- demonstrate effective use of assessment to monitor student progress and provide

G. Manage behaviour effectively to ensure a good and safe learning environment

- have high expectations, clear rules and routines for behaviour in classrooms, and take responsibility for promoting good and courteous behaviour both in classrooms and around the school, in accordance with the school's behaviour policy.

H. Fulfill wider professional responsibilities

- demonstrate a positive contribution to the wider life and ethos of the school
- take responsibility for improving teaching through appropriate professional development by working collaboratively and responding to advice and feedback from colleagues
- communicate effectively across the school community
- Undertake duties and administrative tasks
- Contribute to the planning of the IB Group IV project.

G Internationalism/ Global Citizenship

- Promotes the school's understanding of internationalism and global citizenship
- Promotes development of the Learner Profile
- Make links between scientific topics and global mindedness.