**Computer Science Department**

There is an opportunity for an enthusiastic, dynamic and well-qualified graduate, with a passion for Computer Science, to join this highly successful and rapidly expanding department. The successful candidate will report to the Head of Computer Science and will help to play a key role in developing the curriculum, cross-curricular activities and department strategy for the department across all key stages.

Northwood School is a smaller than average Secondary School, and as such the current Computer Science department consists of just 1 staff member. However, due to school expansion and consistently outstanding GCSE results, the department requires another Computer Science teacher to continue the department's success story.

One year ago, we moved into a new school building. The brand new facilities on our site provide an exciting opportunity to teach in a superb state-of-the-art environment.

Computer Science is a very popular subject within the school and attracts high numbers at GCSE. In addition to GCSE Computer Science, the department also runs the (GCSE equivalent) CiDA course (Certificate in Digital Applications) for students who want to carry on with IT at KS4, but who would prefer not to continue programming.

In addition to the two KS4 courses we run, we are launching ‘A’ Level Computer Science from September 2017. Any experience in teaching Computer Science at ‘A’ Level would therefore be an advantage, but is not a requirement.

The Computer Science curriculum at Northwood School is both fun and stretching, covering aspects of programming, computer science theory, digital literacy and creativity. The curriculum is designed to enthuse students about programming and IT (using languages such as HTML, Kodu, Scratch and Python) and to ensure that all students leave with a fundamental understanding of how computers and networks work, as well as becoming competent digital authors of both websites and digital products. These skills ensure our students are equipped with the key skills they need for success in the digital working world.

Essentials

* Qualified teacher status. NQT’s most welcome.
* Computer Science, or related degree.
* Strong passion for Computer Science.
* Highly organised.

Experience in any of the following, whilst not essential, would be a distinct advantage

* Python programming
* Microsoft Expression Web, HTML, Kodu, Scratch, Alice, GIMP, Audacity, Games Factory, Synfig.
* Google Docs, Slides and Sheets
* GCSE Computer Science theory