**Teaching Role Information**

Computer Science and ICT are popular subjects at Caldew School and all students study the Computer Science curriculum at Key Stage 3 (1 hour per week). Our Key Stage 4 offer is currently Cambridge Nationals in Creative iMedia, GCSE Computer Science and GCSE Media Studies. We have been delivering successful courses in Computer Science, Media Studies and Creative iMedia for several years and are particularly keen to appoint a hard-working and enthusiastic teacher with knowledge of Computer Science and Creative iMedia.

In the Sixth Form, we have established AS and A-Level Computer Science courses following the AQA specifications and these have been updated to the new A-level format. The uptake on the AS and A-Level course so far has been very good and we hope to see this continue into the future. We have also offered courses in Cambridge Technical Digital iMedia and A-Level Media Studies.

The department has contributed to the overall school success in several ways ensuring that students are always given the opportunity to meet their full potential. On top of exam results, we are always looking to develop and innovate the equipment used and the methods in which we teach the students. We have recently invested in a lot of “hands on” Computer Science equipment, digital cameras, lighting, green screen and tablets in order to drive excitement and enthusiasm across the school.

We are looking to continue the success of all Computer Science courses, as the numbers have been consistently high. The current priorities for the department are to:

* Encourage more girls to take the subject
* Develop methods to push High Prior Attaining students
* Improve the Key Stage 3 curriculum to develop problem solving, raise aspirations and promote resilience in preparation for the GCSE years.

It is likely that the successful candidate will be asked to teach ICT and Computer Science at KS3 and KS4 as well as in the Sixth Form.

ICT is used across the curriculum by most teachers. There are four dedicated ICT rooms and several other rooms and areas of the school, including the library, where computers are available. Teachers can book ICT rooms when required.

The school has a wide range of software available on the network, including Python 3, Unity 5, Microsoft Visual Studio, Microsoft Office, Serif Media Suite, Macromedia Studio 8, Audacity, Flowol and Scratch. The department also makes use of Google Classroom instead of exercise books, using the resource to share work with students and deliver key assessments. All teachers have their own laptop, connected via a wireless network for registration, assessment and reports (using SIMS) and planning/delivering lessons. The PC network within school is a separate wired system and many of the PCs have been upgraded in the last year.

Simon Beedie

Subject Team Leader for Computer Science and ICT