

Business & Computer Science Team

Business & Computer Science are subjects that are thriving at The Forest School with lots of new developments within the curriculum. This includes 6 purpose-built computer suites, all of which are equipped with 30 PC's, SMART boards and audio technology. These rooms are where the newly appointed Computer Science teacher will be based.

Through the expansion of the curriculum, there is the requirement for developments in schemes of work and resources. We will be working on exciting new initiatives, linking up with subjects across the school, to produce a more diverse curriculum that all students can access. Resources are being developed to ensure full interactivity, making use of google classroom and other educational software, to assist with the delivery of all lessons.

Business

At Key Stage 4 we offer GCSE Business Studies. This subject is taught over 5 periods per fortnight. Although this is a new subject to students choosing their options, the GCSE is a well-established course that has run successfully for a number of years.

Business Education is a pivotal area within the school, impacting on all other subjects through cross curricular links. The course draws heavily on current events and issues and students are encouraged to develop and share their viewpoint. Students learn by studying actual businesses and simulations and are actively encouraged to develop their entrepreneurial skills.

We offer a dynamic approach to this fast-changing subject and staff in the Subject Team have a wide range of experience from within the business world. We are continually looking at ways to drive the curriculum forward to encapsulate a range of imaginative and creative ideas from a dedicated and professional team of staff.

Computer Science Curriculum

All Key Stage 3 students have 1 hour of Computer Science per week. During this time all students work through many Computer Science modules to ensure full coverage of skills.

All schemes of work are in place and secure but are continuously evolving and open for development with imaginative and creative ideas. Google classroom is used extensively to share schemes of work, projects and lesson resources as well as allowing students to submit work and receive feedback. This resource is also being developed to streamline the delivery and receipt of work.

The current KS4 students have the opportunity to take GCSE Computer Science as an option. Computer Science provides learners with a real in-depth understanding of how computer technology works. It offers an insight into how computers work and what goes on behind the scenes. The course covers Databases, Hardware,

Software, Data Representation, Networking and Programming Theory. The practical element includes analysis of different programming languages and software development which many students find absorbing.

The units covered in the course are:

- Computer systems
- Computational thinking, algorithms and programming
- Practical programming