Information Technology Curriculum Intent

Subject vision:

Computers are a part of everyday life, and technology is becoming more essential to our lives at home and at work. We are committed to making sure that students learn the skills that will enable them to be ready for the workplace, and be able to participate effectively and safely in the digital world.

We deliver our curriculum intent on a subject level by:

At KS4 we purposely offer courses in both Computer Science and BTEC Digital Information Technology, so that we can accommodate the needs and interests of all students. Within Digital Information Technology, students select, use and combine a variety of software (including internet services) on a range of digital devices, to design and create a range of systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. They also begin to understand computer networks including the internet, and use search technologies effectively and be discerning in evaluating digital content. Students learn about using technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour, and identify a range of ways to report concerns about content.

The KS5 the BTEC Information Technology course provides an insight into the significance and relevance of computers, applications and communications in the work environment and everyday life. Students gain a range of skills that are transferrable to the work place and relevant for everyday life such as project planning and time management.

Enrichment

Students are encouraged to play a part in the wider school community by delivering enrichment activities to students lower down the school.

In *Information Technology*, students '**Achieve success'** by:

Encouraging high aspiration and a love of learning	• Students in KS4 and 5 are challenged to exceed their own targets and to reflect on how to improve their work. • Students are encouraged to work independently through the use of extended projects and in doing so develop time management skills. • Lessons are designed to be both interesting and stimulating.
Maximising progress and potential	• Students are immediately introduced to subject pathways through every key stage, university courses and routes into the world of work. • Regular assessments allow students to see their own progress and reflect on this. • Students are offered support outside of the normal lesson time and parents are contacted where students are not achieving their potential.
Providing rewarding learning experiences	• Lessons cater for a variety of learning styles with a range of resources. The software used is industry standard and students develop many

	transferrable skills that can be used across the curriculum, higher education or within the workplace.
Offering diverse opportunities	• Teachers ensure that cultural awareness is promoted in the classroom. The consequences of information technology are considered, including aspects such as the digital divide.
Recognising and celebrating all achievement	• Positive recognition of students' efforts, attainment or progress regularly occurs. Achievements are recognised by using praise but also by contacting home via email or with reward postcards. • Online resources often have instant feedback and can introduce competition within the class.

In *Information Technology*, students '**Value Others'** by:

Contributing to a safe school environment	• Information Technology contributes to the development of student cultural capital through the provision of online safety lessons as well as discussions focusing on legal, ethical, social and environmental issues along with the health and safety around technology. • Students are aware of how to report online safety issues.
Showing tolerance, respect and fairness	• Through appropriate behaviour management and teaching strategies in lessons, tolerance, respect and fairness is promoted towards staff, students and the equipment being used.
Listening to and respecting others' views	• Students are encouraged to be active in discussions and consider the opinions of others. Students are encouraged to participate actively during lessons without the fear of being incorrect. • Discussions are managed to ensure equality of participation.
Appreciating and embracing diversity	• Posters and literature promoting diversity and such as women in the ICT field. • When discussing careers, use of facts and figures to highlight the staffing diversity that exists with this sector. • Students learn about equality and accessibility when making digital products.
Being an active member of our school and local community	• Use of Sixth Form students to run enrichments opportunities lower down the school. • Students playing an active part in Open and Option Evenings.
Co-operating with others	• Students working in groups to accomplish tasks and support each other, for example when presenting to their peers. • Students listen to each other with differing opinions on different parts of the subject curriculum. • Students are encouraged to demonstrate tolerance and respect when hearing other student views.