

Intent:

The ICT curriculum at Haybrook College is designed to empower students from Year 7 to Post 16 with functional digital skills, equipping them for success in a technology-driven world. Our intent is to provide a comprehensive program that delivers ICT through Digital Functional Skills. Through a tailored approach, we aim to foster a deep understanding of ICT concepts, promote digital literacy, and instil a lifelong passion for technology. Students will have the knowledge and confidence to use technology responsibly, ensuring their safety in the digital world and empowering them to be informed digital citizens.

At Key Stage 3, students receive dedicated Computer Science lessons for one term. The curriculum is divided into three strands: Digital Literacy, Computer Science, and Information Technology, providing a comprehensive foundation in ICT. Throughout the year, lessons cover a range of Computer Science and ICT topics, allowing students to develop their ICT skills, gain knowledge of computer components and networks, and hone their problem-solving and programming abilities. Students will be adept at creating digital products or services in Year 11.

By fostering independence in ICT usage, students will be well-equipped to apply their skills in their chosen KS4 subjects and future careers, contributing to their overall academic and vocational success. Our curriculum is designed to remain updated in line with changes to the national curriculum, ensuring that students receive relevant and up-to-date content that reflects the current technological landscape.

Implementation:

We recognize that students have diverse learning needs and interests. The curriculum offers students the opportunity to engage with ICT concepts in a way that resonates with them. This includes differentiated activities, project-based learning, and real-world applications. We use a multitude of dynamic teaching and learning strategies including mediated and blended learning to maximise student engagement.

Beyond technical proficiency, our curriculum emphasizes the development of essential skills such as problem-solving, critical thinking, and effective communication. Through collaborative projects and practical exercises, students acquire the ability to apply ICT knowledge in various contexts.

Students are encouraged to apply their ICT skills across various subjects, fostering independence and proficiency in ICT by the end of Year 9. This empowers them to effectively utilize ICT in their chosen KS4 subjects and future careers.

By choosing to deliver ICT skills through the Digital Functional Skills, these units provide a robust framework for understanding the practical applications of ICT in the workplace. Students will engage in hands-on projects, simulations, and case studies to develop a comprehensive understanding of ICT within a professional setting.

These modules are woven into the curriculum to ensure that students gain proficiency in fundamental digital skills that are essential for using devices and handling information in everyday life. We focus on tasks like using office software, internet research, and digital communication, enabling students to navigate a technology-driven society by transacting safely and being responsible digital citizens.

We believe in connecting classroom learning to the real world. Field trips, case studies, scenarios, projects, guest speakers, and industry partnerships are integrated to provide students with exposure to professional environments and inspire future career aspirations.

Impact:

The implementation of this ICT curriculum is designed to yield tangible and lasting benefits for our students: Our learners will leave Haybrook as, responsible digital citizens, capable of leveraging technology effectively in their personal and professional lives.

Students will leave with a solid foundation in Digital Functional Skills, preparing them for success in various vocational settings, and equipped with practical skills that employers value ensuring that they are workplace ready.

The integration of Pearson Digital Functional Skills ensures that students develop a strong foundation in ICT, contributing to overall academic achievement and creating opportunities for future learning. We aim to foster a love for ICT and a desire for continued exploration and growth in the field. The inclusion of post-16 provision will open doors for further education, training, and employment, providing a clear pathway for continued success beyond our program.

Through this comprehensive approach, the ICT curriculum at Haybrook College endeavours to empower students with the knowledge, skills, and confidence they need to thrive in a digital age.