



ICT for the Secondary Challenge Pathway



Rationale:

Through the Secondary Challenge Pathway, we aim to ensure that our students are:

- Given the opportunity to access technology through a variety of different access equipment.
- Provided with an understanding of online security and safety when using a variety of devices and technologies.
- Provided with a variety of different activities which are delivered on a variety of different devices which best support the students.
- Equipped with transferable skills which will help support the students in and out of the school through a secure curriculum.
- Given an understanding of how technology impacts their own environment and the wider community.
- Able to explore/apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms, and data representation.

ICT Curriculum for Secondary Challenge Pathway

Intent	Implementation	Impact
<p style="text-align: center;">The curriculum that is offered through the Secondary Challenge Pathway:</p> <ul style="list-style-type: none"> • Will develop a wide range of fundamental skills, knowledge and understanding that will ensure that the students are computer literate and equipped with the necessary skills for their lives. • Will allow the students to appreciate the importance of computer technology in the modern world • Will encourage the students to become more independent and develop key life skills such as problem-solving, logical thinking and self-evaluation which will enable them to effectively conduct their future lives as workers, consumers, and members of a digital future. • Will help the students be more creative and explore different functions and processes within the subject. 	<p style="text-align: center;">We achieve our intentions by:</p> <ul style="list-style-type: none"> • Being exposed to a thorough and robust IT & Computing curriculum. • Using different technologies and devices effectively, learning how to search using WWW and analysing and evaluating digital content. • Using a variety of software on a range of digital devices to create a range of content against a set of targets. • Learning how to use technology safely, respectfully, and responsibly so they can recognise acceptable and unacceptable behaviour and identify a range of ways to report concerns. • Being able to share their work using a variety of different platforms. • Being exposed to a variety of different access equipment which supports them with using different technology/devices. 	<p style="text-align: center;">The impact of the Secondary Challenge Pathway provision is demonstrated through the development of students who are:</p> <ul style="list-style-type: none"> • Enthusiastic and show enjoyment for the subject both in and out of the classroom. • Able to show a greater understanding on how to use a variety of different software packages that will benefit them in and outside of school. • Able to use different technologies to help support them in day-to-day life which will help streamline activities and support them in managing themselves. • Able to understand the different dangers that may be presented to them using online platforms, for example internet/device security and online safety. • Able to demonstrate a comprehensive knowledge of the implications of technology, software and digital systems. • Successful is gaining a qualification in IT Users Skills (Entry level/Level 1&2)