



ICT for the Primary Challenge Pathway



Subject Rationale

Through the Primary 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 how to use a device safely and securely (Inc Online Safety where possible)
- Provided with a variety of different activities which are delivered on devices which best support the students.
- Equipped with transferable skills to be used across the curriculum, which supports the students in and out of the school.
- Provided with the opportunity to explore new technology, software and equipment which helps engage the students and develop their skills.
- Able to apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.

ICT Curriculum for Primary Challenge Pathway

Intent	Implementation	Impact
<p style="text-align: center;">The curriculum that is offered through the Primary Challenge Pathway:</p> <ul style="list-style-type: none"> • Will explore and develop a range of fundamental skills, knowledge and understanding that will ensure the students will get the necessary skills to help support them at school and home. • Will encourage the children to become more independent and develop their skills such as problem-solving, logical thinking and self-evaluation. • Will develop a better understanding of how to use technology effectively to help support them in their day-to-day lives. • To enjoy exploring new technology/programs through play opportunities. • Will help the students gain confidence in accessing a wider range of technology, ensuring they understand how it works and how they function. • Will help the students be more creative and explore different functions and processes within the subject. • To be able to explore problem solving tasks while using technology/programs. 	<p style="text-align: center;">We achieve our intentions by:</p> <ul style="list-style-type: none"> • Being exposed to a thorough IT & Computing curriculum. • Using a variety of different technology and products to help access the curriculum. • 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. • Developing the students' knowledge and skills of digital systems and their applications. • Having access to equipment that is suitable for each individual student. 	<p style="text-align: center;">The impact of the Primary 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 devices, software packages and equipment • Able to use different technologies to help support them in and outside of the classroom • Able to understand the different dangers that may be presented to them using devices on and offline. • Able to help guide themselves in making independent choices where possible, which helps support them in life lives at home, at school and the community. • Able to demonstrate a comprehensive knowledge of the implications of technology, software and digital systems.