ICT at TAI

As an integral part of the [Digital Technologies](#) curriculum, ICT as a subject focuses on developing both the [computational thinking](#) skills of our students and their ability to [design and develop digital outcomes](#).

As one of the technology subjects offered here at TAI, students will attend ICT lessons for two terms during their two years here - the first term when they are in year seven, and the second in year eight. This means that they will have around twenty 1.5 hour sessions of ICT over their two years.

Each lesson will comprise of a discussion of a topic concerning digital citizenship that is relevant to the age and life circumstances of the students, and also some practice in coding.

The digital citizenship discussions cover topics such as Media Balance and Well-Being, Privacy and Security; Digital Footprint and Identity; Relationships and Communication; Cyberbullying, Digital Drama and Hate Speech; and News and Media Literacy. These will make use of some of the resources provided by [Commonsense Media](#), [NSTeens](#), [Netsafe NZ](#), and the [NSW Department of Education](#) Digital Citizenship resources.

Students come to intermediate school with various levels of experience with coding, and we attempt to cater for them all. Beginners are introduced to coding through [Code.org](#) and [Scratch](#), but those familiar with these will have the opportunity to expand their skills in either Python or HTML & CSS.

Obviously twenty lessons will only provide the basics, and we acknowledge the importance of motivating our students to develop their skills further in their own time, by providing them with access to [online resources](#) and courses.

For those who develop their programming skills far enough, opportunity is provided to test their skills using robots, or developing websites which can be used in their other school subjects.