

## **Pre-Primary to Year 6**

Our Curriculum is based on the requirement that all students will study Technologies from Pre-primary to Year 6.

Learning in Digital Technologies builds on the dispositions developed in the early years. Learning focuses on developing foundational skills in computational thinking and an ability to engage in personal experiences using digital systems.

In Pre-primary, students explore the uses of technologies in everyday life. They develop an understanding that symbols are a powerful means of communication and how they can represent ideas, thoughts and concepts.

Students explore common patterns, pictures and symbols that exist within data they collect, and present this data in creative ways to make meaning.

Students learn to experiment with expressing ideas and make meaning when defining problems. Students draw on their memory of a sequence of steps to complete a task (algorithm), such as packing away play equipment or completing a puzzle.

Students explore how information systems meet recreational needs. They develop an awareness of the importance of online safety when engaging with digital technologies.

As AIC has implemented the national curriculum for lower school technologies in 2015, the College has worked diligently to shift our focus to transitioning to this new curriculum in primary years.

Using the content descriptors as topics, and inserting general capabilities per activity, a learning program has been formulated for each term for each year group (years 1-6). These can be found here: <http://k10outline.scsa.wa.edu.au/home/p-10-curriculum/curriculum-browser/technologies/digital-technologies2>