

# ICT and Computer Science

## Year 7

### Year 7 Overview

During Year 7, students will gain an understanding of the basics of Computer Science and an understanding as to "what happens inside the box". They will also begin to look at different concepts related to pre-production, which is an essential concept in GCSE iMedia.

Unit Title	Unit Overview
Introduction to Causeway IT	"Introduction to Causeway IT" sees students login to their school and Google accounts and sees them using the Google Suite of applications.
What is e-Safety	During the "What is e-Safety" unit, students will look at different online threats, how to remain safe using the internet and where to go for help should they need to.
Basic Hardware and Software	In this unit, students will look at different types of hardware and software are used in today's computers. The "Basic Hardware and Software" unit will make sure that students are able to understand the basics of computing.
Introduction to Computational Thinking	"Introduction to Computational Thinking" will introduce key programming concepts to students, using appropriate programming languages and interfaces.
Pre-Production Concepts	The final unit of Year 7 will see students looking at different pre-production documents, acting as a taster unit for GCSE iMedia. They will explore different pre-production methods and identify how and why they are used. "Pre-Production Concepts" features multiple transferable skills, usable in a range of other subjects.