

ICT and Computer Science

Year 8

Year 8 Overview

During Year 8, students will take their knowledge from Year 7 to the next level. They will look in more depth at different programming and hardware technologies, as well as stretching their skills and knowledge of different pieces of software.

Unit Title	Unit Overview
Introduction to Causeway IT	"Introduction to Causeway IT" sees a recap of different Google Suite applications and their uses.
What is e-Safety	During the "What is e-Safety" unit, students will look again at different online threats, how to remain safe using the internet and where to go for help should they need to.
Introduction to Photoshop	In the "Introduction to Photoshop" students will use different tools which are available in Photoshop to create different pieces of media. They will be given a scenario to follow, which follows some of the concepts in GCSE iMedia.
Programming Concepts and Theories	Students will spend time in this unit looking at different concepts and theories around computer programming, using suitable programming languages and interfaces for their ability. "Programming Concepts and Theories" will allow students to explore different ways of creating simple software.
Networking Hardware and Computer Essentials	The final unit of Year 8 will see students looking in more depth at different computing ideals and what is required to create a network. During the "Networking Hardware and Computer Essentials" unit, students will gain an understanding of what is required to set up a computer and a network.