

COMPUTER SCIENCE LEARNING PATH STATEMENTS YEAR 7

LEARNING LINKS	COMPUTING LEARNING PATH 1 LP1	COMPUTING LEARNING PATH 2 LP2
Word Processing	Create a multi-page document with a table of contents, headers/footers, and consistent formatting	Insert images, tables, and apply advanced text formatting (font styles, colours)
Word Processing	Collaborate on a shared document using cloud storage (OneDrive/SharePoint)	Add comments and track changes in a document
Data Modelling	Create basic charts (bar, line, pie) to represent data visually	Apply conditional formatting and use simple functions (SUM, AVERAGE)
Data Modelling	Apply IF statements and simple data validation rules	Use relative and absolute cell references in formulas
Presentation Software with PowerPoint	Add multimedia elements (audio, video) and customize slide timings	Design a slide deck with consistent themes and animations
Presentation Software with PowerPoint	Integrate advanced features like hyperlinking and custom slide shows	Practice delivering a presentation with clear speech and timing
eSafety	Understand digital footprints and practice responsible online behaviour	Learn how to create strong passwords and safe online habits
eSafety	Understand encryption and basic data protection concepts	Report and manage incidents of online abuse or cyberbullying
Programming with Scratch	Implement all three programming constructs (sequence, selection, iteration)	Apply variables and user input to create interactive projects
Programming with Scratch	Debug complex scripts with multiple conditions, variables, and loops	Develop a simple game or story that uses multiple sprites and interactions
Hardware	Give advantages and disadvantages of PC components. Describe the fetch-execute cycle.	Compare the characteristics of computer components

LEARNING LINKS	COMPUTING LEARNING PATH 3 LP3	COMPUTING LEARNING PATH 4 LP4
Word Processing	Create and format simple paragraphs, including lists and basic alignment	Identify and use basic formatting tools (bold, italic, underline)
Word Processing	Use spell check and basic proofreading tools	Understand how to save and open a document
Data Modelling	Create and label simple tables	Enter data into cells and apply basic formatting (bold, colour fill)
Data Modelling	Use built-in functions like MIN, MAX, and COUNT	Understand how to enter basic arithmetic formulas
Presentation Software with PowerPoint	Add images and apply basic transitions	Create a basic slide with text and titles
Presentation Software with PowerPoint	Structure slides logically and use bullet points effectively	Understand the purpose of a presentation and create simple slides
eSafety	Recognize common online risks (cyberbullying, phishing)	Identify personal information and understand the importance of keeping it private
eSafety	Learn about malware and how to avoid suspicious downloads	Identify trusted websites and safe online content
Programming with Scratch	Use loops to repeat actions and simple conditionals (if-then)	Understand the Scratch interface and create simple scripts using blocks
Programming with Scratch	Identify and fix simple errors in Scratch scripts	Create simple animations with basic blocks
Hardware	Describe the purpose of computer components	List the components inside a computer

