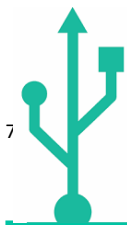


# COMPUTER SCIENCE Year 7

YEAR 7	LINKS	LEARNING PATH 1 LP1	LEARNING PATH 2 LP2
St 1	<a href="#">Word Processing</a>	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)
St 2	<a href="#">Word Processing</a>	Collaborate on a shared document using cloud storage (OneDrive/SharePoint)	Add comments and track changes in a document
St 3	<a href="#">Data Modelling</a>	Create basic charts (bar, line, pie) to represent data visually	Apply conditional formatting and use simple functions (SUM, AVERAGE)
St 4	<a href="#">Data Modelling</a>	Apply IF statements and simple data validation rules	Use relative and absolute cell references in formulas
St 5	<a href="#">Presentation Software with PowerPoint</a>	Add multimedia elements (audio, video) and customize slide timings	Design a slide deck with consistent themes and animations
ST 6	<a href="#">Presentation Software with PowerPoint</a>	Integrate advanced features like hyperlinking and custom slide shows	Practice delivering a presentation with clear speech and timing
St 7	<a href="#">eSafety</a>	Understand digital footprints and practice responsible online behaviour	Learn how to create strong passwords and safe online habits
St 8	<a href="#">eSafety</a>	Understand encryption and basic data protection concepts	Report and manage incidents of online abuse or cyberbullying
St 9	<a href="#">Programming with Scratch</a>	Implement all three programming constructs (sequence, selection, iteration)	Apply variables and user input to create interactive projects
St 10	<a href="#">Programming with Scratch</a>	Debug complex scripts with multiple conditions, variables, and loops	Develop a simple game or story that uses multiple sprites and interactions
St 11	Hardware Link TBC	Give advantages and disadvantages of PC components. Know what the fetch execute cycle describes	Compare the characteristics of computer components



**“THE COST OF BEING WRONG IS LESS THAN THE COST OF DOING NOTHING”**



# COMPUTER SCIENCE Year 7

YEAR 8		LEARNING PATH 3 LP3	LEARNING PATH 4 LP4
St 1	<a href="#">Word Processing</a>	Create and format simple paragraphs, including lists and basic alignment	Identify and use basic formatting tools (bold, italic, underline)
St 2	<a href="#">Word Processing</a>	Use spell check and basic proofreading tools	Understand how to save and open a document
St 3	<a href="#">Data Modelling</a>	Create and label simple tables	Enter data into cells and apply basic formatting (bold, colour fill)
St 4	<a href="#">Data Modelling</a>	Use built-in functions like MIN, MAX, and COUNT	Understand how to enter basic arithmetic formulas
St 5	<a href="#">Presentation Software with PowerPoint</a>	Add images and apply basic transitions	Create a basic slide with text and titles
ST 6	<a href="#">Presentation Software with PowerPoint</a>	Structure slides logically and use bullet points effectively	Understand the purpose of a presentation and create simple slides
St 7	<a href="#">eSafety</a>	Recognize common online risks (cyberbullying, phishing)	Identify personal information and understand the importance of keeping it private
St 8	<a href="#">eSafety</a>	Learn about malware and how to avoid suspicious downloads	Identify trusted websites and safe online content
St 9	<a href="#">Programming with Scratch</a>	Use loops to repeat actions and simple conditionals (if-then)	Understand the Scratch interface and create simple scripts using blocks
St 10	<a href="#">Programming with Scratch</a>	Identify and fix simple errors in Scratch scripts	Create simple animations with basic blocks
St 11	Hardware Link TBC	Describe the purpose of computer components	List the components inside a computer



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