

Curriculum Overview: Computing - Year 8

YEAR 8						
		<i>Autumn 1 (Sept – Oct)</i>	<i>Autumn 2 (Nov – Dec)</i>	<i>Spring 1 (Jan – Feb)</i>	<i>Spring 2 (Mar – Apr)</i>	<i>Summer (May – Jun)</i>
Topic Title		The nature of technology: Understanding Networks	Digital literacy: Computers and learning	Programming: Python lists	Programming: Python procedures	Numbers and data: Spreadsheets
Key Skills and Content		<ul style="list-style-type: none"> • Network hardware • Packet switching • Work connections • Cloud computing 	<ul style="list-style-type: none"> • Computers for learning and discovery • E-learning 	<ul style="list-style-type: none"> • Make lists and work with list elements • Validate list elements • Create a menu of choices 	<ul style="list-style-type: none"> • Make and use procedures • Make a linear search procedure • Use two types of search 	<ul style="list-style-type: none"> • Format a spreadsheet • Add calculations using formulae and functions • Analyse data
Summative Assessment		End of Unit Test	Create and e-learning project	End of Unit Test	Write a program using procedures	Project: Create and test a spreadsheet model