Curriculum Overview: Computing - Year 9

		Autumn 1 (Sept – Oct)	Autumn 2 (Nov – Dec)	Spring 1 (Jan – Feb)	Spring 2 (Mar – Apr)	Summer (May – Jun)
YEAR 9						
Topic Title		The nature of technology: Inside the CPU	Digital literacy	Computational thinking: AI	Programming: Python	Creative Communication
Key Skills and Content		• Describe parts of the CPU • Describe the fetch-execute cycle • Write logical statements • Describe logic gates and their truth tables	• Describe types of social media and discuss responsibilities • Understand and manage digital footprint • Describe ways to protect privacy	• Describe artificial intelligence • Describe heuristics • Describe how algorithms and expert systems are used in AI	• Make a program to match and test a mathematical model	• Create a multimedia platform to present text, audio and video content
Summative Assessment		End of Unit Test	Project: presentation/design online advert	End of Unit Test	Write and test own program	Multimedia project