

SUBJECT: Computer Science

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Y7	Getting ready for a digital environment	Online Safety	Hardware and Computer Systems	Representing Data: Images, sound and text	Computational Thinking and Flow Charts	Python: An introduction
Y8	Pseudocode and algorithms	Procedural Programming	Python projects	Python projects	HTML 4 and CSS: An introduction.	Computer Networks and the Internet.
Y9	Systems architecture Memory	Storage Wired and wireless networks	Network topologies, protocols and layers	System Security	Systems software	Ethical, legal, cultural and environmental concerns
Y10	Algorithms	Programming techniques	Producing robust programs	Computational logic	Translators and facilities of languages	Data representation
Y11	Practice NEA.	NEA Task.	Revision computer systems	Revision Computational thinking, algorithms and programming		
Y12	The characteristics of contemporary processors. Input, output and storage devices Software and software development	Programming Exchanging data Data types, data structures and algorithms	Legal, moral, ethical and cultural issues Elements of computational thinking	Problem solving and programming Algorithms	AS Exam preparation and Exam.	Programming/Start year 13 coursework task.
Y13	The characteristics of contemporary processors. Input, output and storage devices Software and software development Programming project	Programming Exchanging data Data types, data structures and algorithms Programming project	Legal, moral, ethical and cultural issues Elements of computational thinking Programming project	Problem solving and programming Algorithms Programming project	AS Exam preparation and Exam. Programming project	

