ICT & CS KS3 and KS4 Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7 National Curriculum	Logging in Go4Schools Terminal server G – Schools Emails Core	Word Skills	Excel	Databases basics	Presentation	Computational thinking
Year 8 National Curriculum	Computer systems	Programming - Python	Database Advanced	Data representation	Excel Advanced	HTML

Updated June 2020

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Year 9 ICT	L01 - Understand the tools and techniques that can be used to initiate and plan solutions	L02 - To be able to initiate and plan a solution to meet an identified need L03 - Understand how data and information can be collected, stored, and used	L03 - Understand how data and information can be collected, stored and used L04 - Understand the factors to be considered when collecting and processing data and storing data/information	L04 - Understand the factors to be considered when collecting and processing data and storing data/information L05 - To be able to import and manipulate data to develop a solution to meet an identified need	L06 - Understand the different methods of processing data and presenting information	L07 - To be able to select and present information in the development of the solution to meet an identified need L08 - To be able to iteratively review and evaluate the development of the solution. Coursework
CS Year 9	Programming	Programming	Computer systems	Binary, Hex	Networks	Data Representation
Year 10 ICT	Sample Coursework	Sample Coursework	Coursework	Coursework	Coursework	Coursework Submitted to exam board.
Year 11 ICT	Coursework / Theory	Coursework / Theory re-sit coursework marks submitted to exam board in December.	Theory exam taken in January	Revision	Exam re-sit if required	

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Year 10 CS	**2X NEA** project skills Programming **1X Unit 1** Understanding computer systems	**2X NEA** project skills Programming **1X Unit 1** Understanding computer systems	**2X NEA** project skills Programming **1X Unit 1** Understanding computer systems	**3X Unit 1** Understanding computer systems	**3X Unit 1** Understanding computer systems	**3X Unit 1** Understanding computer systems
Year 11 CS	**2X NEA project** **1X Unit 2** Conceptual Modelling and problem solving	**2X NEA project** **1X Unit 2** Conceptual Modelling and problem solving	**1X Unit 1** Understanding computer systems **2X Unit 2** Conceptual Modelling and problem solving	**3X Unit 1/2 revision**		

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