

Subject: **Computer Science**

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	23rd March to 3 <sup>rd</sup> April		Easter	20 <sup>th</sup> April to 22 <sup>nd</sup> May				
Year group	Week 1 (23/3)	Week 2 (30/3)		Week 1 (20/4)	Week 2 (24/4)	Week 3 (04/5)	Week 4 (11/05)	Week 5 (18/05)
7	Scratch project Tutorials will be published on SMHW	Scratch project Tutorials will be published on SMHW		Microbit project Tutorials will be provided A link to online micro bit will be provided	Microbit project Tutorials will be provided	Microbit project Tutorials will be provided	Impact of ICT on society: shopping	Impact of ICT on Society: watching you
8	Code.org Students practice coding	Scratch project		Cryptography Introduction and cipher	Cryptography Enigma	Cryptography Barcodes	Cryptography E-shopping	Code.org- AI for ocean
9	Python skill building Student can use Trinket or repl.it	Python skill building		Network – introduction Task will be exam style questions or quizzes.	Network - Topology	LAN and WAN	Network threats	Network safety
10	Python project	Python project		Ethical, legal, environmental - Exam questions will be provided	Revision – Data representation	Revision – Computer memory and storage	Revision – Logic	Revision – algorithm, sorting and searching
11	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. ComputerScience GCSE Guru – Ethical, legal, environmental	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. CPU, memory, storage		Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. Algorithms and programming techniques	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. Algorithms and programming techniques	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. Data representation and logic gates	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. Producing robust system and translator	Weekly tutorials will be posted on SMHW and students can revise themselves We will post Exam style questions. Practice exam papers
12	Karnaugh Maps	D-type flip flop and adders		Exam questions on Boolean Algebra topic	Ethical, Legal and cultural issues	Programming Practice	Coursework introduction –	Coursework – start

							start researching on project. Submit project proposal	investigation/ analysis
13	Working on the individual project Final deadline – 30 <sup>th</sup> April	Working on the individual project Final deadline – 30 <sup>th</sup> April		Working on the individual project Final deadline – 30 <sup>th</sup> April	Working on the individual project Final deadline – 30 <sup>th</sup> April	Working on the individual project Final deadline – 30 <sup>th</sup> April	Working on the individual project Final deadline – 30 <sup>th</sup> April	Working on the individual project Final deadline – 30 <sup>th</sup> April
Notes and guidance for parents, carers and students.								