

Class of 2023 COMPUTING

Long Term Plan 2020-21



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 24/08	W/C 31/08	W/C 07/09	W/C 14/09	W/C 21/09	W/C 28/09	W/C 05/10	W/C 12/10	W/C 02/11	W/C 09/11	W/C 16/11	W/C 23/11	W/C 30/11
	Induction Week	Bank Holiday 31.08.20									Data Input 09.11.20	Data Day 16.11.20	
Intro to computing Setting up books and year plan		Algorithms Computational thinking	Algorithms Searching algorithms	Algorithms Sorting algorithms	Algorithms Flow diagrams	Algorithms pseudocode	Algorithms Interpret, correct or correct algorithms	Algorithms Review	Programming Programming concepts	Programmi ng Sequence vs selection	Programmin g Iteration	Programmin g Arrays	
Cycle 2	W/C 07/12	W/C 14/12	W/C 04/01	W/C 11/01	W/C 18/01	W/C 25/01	W/C 01/02	W/C 08/02	W/C 22/02	W/C 01/03	W/C 08/03	W/C 15/03	W/C 22/03
			Training Day 04.01.21								Data Day 09.03.21		Planning Day 26.03.21
	Programmin g Procedures and functions	Programmin g Records and files	Logic and Languages Logic Diagrams and Truth Tables	Logic and Languages Defensive design	Logic and Languages Errors and testing	Logic and Languages Translators and facilities of languages	Logic and Languages Review	Logic and Languages Review	Data Representati on Storage Units and binary numbers	Data Representatio n Binary arithmetic and hexadecimal	Data Representat ion ASCII and Unicode	Data Representati on Images, Sound and Compression	Exam Revision Interleaving of all GCSE units studied
Cycle 3	W/C 12/04	W/C 19/04	W/C 26/04	W/C 03/05	W/C 10/05	W/C 17/05	W/C 24/05	W/C 07/06	W/C 14/06	W/C 21/06	W/C 28/06	W/C 05/07	W/C 12/07
				Bank Holiday 03.05.21									
	Exam Revision Interleaving of all GCSE units studied	Exam Revision Interleaving of all GCSE units studied	Exam Revision Interleaving of all GCSE units studied	Exam Revision Interleaving of all GCSE units studied									