

Class of 2024 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 Day 16.11.20		Planning Day 04.12.20
		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	Programming Sequence vs selection	Programming Iteration	Programming 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
	Programming Procedures and functions	Programming 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 Representation Storage Units and binary numbers	Data Representation Binary arithmetic and hexadecimal	Data Representation ASCII and Unicode	Data Representation images	Data Representation sounds
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									
	Data Representation compression	Data Representation Review	Component 2 Component 2 Review	Component 2 Component 1 Review	Component 1 Component 1 Review	Component 1 Component 1 Review	Component 1 Component 1 Review	Programming Programming concepts	Programming Programming concepts	Programming Programming concepts	Programming Programming concepts	Programming Programming concepts	Intervention Week