

2019 - 2020 KS4 Computer Science Curriculum Plan

Week	Day	W/C	Year 9 - 2 Lessons Per Week	Year 10 - 2 Lessons Per Week	Year 11 - 2 Lessons Per Week
1	Wednesday	28/08/2019	Algorithms	Searching and Sorting Algorithms	Binary and Hexadecimal
2	Monday	02/09/2019	Algorithms	Searching and Sorting Algorithms	Binary and Hexadecimal
3	Monday	09/09/2019	Algorithms	Searching and Sorting Algorithms	Binary and Hexadecimal
4	Monday	16/09/2019	Algorithms	Searching and Sorting Algorithms	Binary and Hexadecimal
5	Monday	23/09/2019	Iteration	Searching and Sorting Algorithms	Binary and Hexadecimal
6	Monday	30/09/2019	Iteration	Data Types and Structures	Binary Representation
7	Monday	07/10/2019	Iteration	Data Types and Structures	Binary Representation
8	Monday	14/10/2019	Iteration	Data Types and Structures	Binary Representation
Half Term	Monday	21/10/2019			
	Monday	28/10/2019			
9	Monday	04/11/2019	Iteration	Data Types and Structures	Binary Representation
10	Monday	11/11/2019	Boolean Logic	Input and Output	Computer Systems: Hardware
11	Monday	18/11/2019	Boolean Logic	Input and Output	Computer Systems: Hardware
12	Monday	25/11/2019	Boolean Logic	Input and Output	Computer Systems: Hardware
13	Monday	02/12/2019	Data Types and Structures	Input and Output	Computer Systems: Software
14	Monday	09/12/2019	Data Types and Structures	Problem Solving	Networks
15	Monday	16/12/2019	Data Types and Structures	Problem Solving	Networks
Christmas	Monday	23/12/2019			
	Monday	30/12/2019			
16	Monday	06/01/2020	Data Types and Structures	Problem Solving	Networks
17	Monday	13/01/2020	Searching and Sorting Algorithms	Problem Solving	Networks
18	Monday	20/01/2020	Searching and Sorting Algorithms	Binary and Hexadecimal	System Security
19	Monday	27/01/2020	Searching and Sorting Algorithms	Binary and Hexadecimal	System Security
20	Monday	03/02/2020	Searching and Sorting Algorithms	Binary and Hexadecimal	System Security
21	Monday	10/02/2020	Searching and Sorting Algorithms	Binary and Hexadecimal	Ethical, Legal, Cultural and Environmental Concerns
Half Term	Monday	17/02/2020			
22	Monday	24/02/2020	Input and Output	Binary and Hexadecimal	Ethical, Legal, Cultural and Environmental Concerns
23	Monday	02/03/2020	Input and Output	Binary Representation	Ethical, Legal, Cultural and Environmental Concerns
24	Monday	09/03/2020	Input and Output	Binary Representation	Ethical, Legal, Cultural and Environmental Concerns
25	Monday	16/03/2020	Input and Output	Binary Representation	Programming Languages
26	Monday	23/03/2020	Problem Solving	Binary Representation	Programming Languages
27	Monday	30/03/2020	Problem Solving	Programming Language	Programming Languages
Easter	Monday	06/04/2020			
	Monday	13/04/2020			
28	Monday	20/04/2020	Problem Solving	Programming Language	Exam Season
29	Monday	27/04/2020	Problem Solving	Programming Language	Exam Season
30	Monday	04/05/2020	Binary and Hexadecimal	Computer Systems: Hardware	Exam Season
31	Monday	11/05/2020	Binary and Hexadecimal	Computer Systems: Hardware	Exam Season
32	Monday	18/05/2020	Binary and Hexadecimal	Computer Systems: Hardware	Exam Season
Half Term	Monday	25/05/2020			
33	Monday	01/06/2020	Binary and Hexadecimal	Computer Systems: Hardware	Exam Season
34	Monday	08/06/2020	Binary and Hexadecimal	Computer Systems: Systems Software	Exam Season
35	Monday	15/06/2020	Binary Representation	Networks	Exam Season
36	Monday	22/06/2020	Binary Representation	Networks	Exam Season
37	Monday	29/06/2020	Binary Representation	Networks	Exam Season
38	Monday	06/07/2020	Binary Representation	Networks	Exam Season
39	Monday	13/07/2020	Programming Project	Networks	Exam Season
Summer					