

THIS DELIVERY PLAN IS BASED ON A ONE-WEEK TIMETABLE WITH TWO 60-MINUTE LESSONS PER WEEK IN YEAR 10 AND 11

**GCSE COMPUTER SCIENCE CALENDAR
YEAR 10 - ADAPTED FOR 2 PERIODS PER WEEK**

Some topics may require second lesson to complete key learning. Alternatively, programming lessons should be taught

Week	Week	Lessons	
1	1	Introduction lesson	1.1.1 Purpose of the CPU
2	2	1.1.2 Registers	1.1.3 FDE Cycle
3	3	1.1 CPU Performance	1.1 Embedded System
4	4	1.2.1 RAM ROM VM	1.2.2 Secondary Storage
5	5	1.2.3 Capacity Storage	1.2.4 Binary Conversions
6	6	1.2.5 Additional Binary	2.2 Programming
7	7	IT1 Revision	Iterative Test 1 /60
Half Term			
1	8	G4G/Action IT1 / Programming	1.2.7 Hexadecimal
2	9	1.2.8 Representing Characters	1.2.9 Representing Images
3	10	1.2.10 Representing Sound	1.2.11 Compression
4	11	1.3.1 Network Hardware	1.3.2 Types of Networks
5	12	1.3.3 Wireless Technology	1.3.4 Client and P2P Network
6	13	1.3.5 Topologies	2.2 Programming
7	14	IT2 Revision	Iterative Test 2 /60
Christmas			
1	15	G4G/Action IT2 / Programming	1.3.6 The Internet
2	16	1.3.7 IP and MAC Address	1.3.8 DNS
3	17	1.3.9 Protocols	1.3.10 Layers
4	18	1.4.1 Malware	1.4.2 Network Attacks
5	19	1.4.3 Network Defence	1.4.4 Network Policy
6	20	1.5.1 Operating Systems	1.5.2 Software Managers
Half Term			
1	21	IT3 Revision	Iterative Test 3 /60
2	22	G4G/Action IT3 / Programming	1.5.3 Software Utilities
3	23	1.6.1 Legislation	2.2 Programming
4	23	1.6.2 Environmental Issues	2.2 Programming
5	25	1.6.3 Ethical/Cultural Issues	2.2 Programming
Easter			
1	26	Exam Retrieval Practice	2.2 Programming
2	27	Exam Retrieval Practice	2.2 Programming
3	28	IT4 Revision	Iterative Test 4 /80
4	29	G4G/Action IT4 / Programming	2.2 Programming
5	30	Exam Retrieval Practice	2.2 Programming
6	31	Exam Retrieval Practice	2.2 Programming
7	32	Exam Retrieval Practice	2.2 Programming
Half Term			
1	33	Exam Revision	Exam Revision
2	34	Exam Revision	Exam Revision
3	35	Exam Revision	Exam Revision
4	36	Revision	Paper 01
5	37	2.2 Programming	2.2 Programming
6	38	2.2 Programming	2.2 Programming
7	39	2.2 Programming	2.2 Programming

Trial Exam Week

**GCSE COMPUTER SCIENCE CALENDAR
YEAR 11**

Programming opportunities should be available during delivery of Component 2 topics

Week	Week	Lessons	
1	1	Introduction Lesson	2.1.1 Computational Thinking
2	2	2.1.2 Writing Algorithms	2.2 Programming
3	3	2.1.2 Understanding Algorithms	2.2 Programming
4	4	2.1.3 Interpreting Flowcharts	2.2 Programming
5	5	2.1.4 Interpreting Flowcharts L2	2.2 Programming
6	6	2.1.5 Trace Tables	2.1.6 Searching Algorithms
7	7	IT1 Revision	Iterative Test 1
Half Term			
1	8	G4G/Action IT1	2.1.7 Sorting Algorithms
2	9	2.3.1 Defensive Design	2.2 Programming
3	10	2.3.2 Input Validation	2.2 Programming
4	11	Revision	Revision
5	12	Revision	Trial Exam Paper 1
6	13	Revision	Trial Exam Paper 2
7	14	2.3.3 Maintainability	2.2 Programming
Christmas			
1	15	2.3.4 Testing	2.2 Programming
2	16	2.3.5 Suitable Test Data	2.2 Programming
3	17	Revision	2.2 Programming
4	18	IT3 Revision	Iterative Test 3
5	19	G4G/Action IT3	2.4.1 Boolean Logic Gates
6	20	2.4.2 Combined Gates/Expressions	2.2 Programming
Half Term			
1	21	2.5.1 Languages	2.5.2 IDE
2	22	Revision	Trial Exam Paper 1
3	23	Revision	Trial Exam Paper 2
4	24	1.1 Revision	2.2 Programming
5	25	1.2 Revision	2.2 Programming
Easter			
1	26	1.3 Revision	2.2 Programming
2	27	1.4 Revision	1.5 Revision
3	28	1.6 Revision	2.2 Programming
4	29	COMP 2 Theory Revision	2.2 Programming
5	30	COMP 2 Theory Revision	Revision
6	31	Paper 1 - Wed 15th May PM	
7	32	Paper 2 - Tue 21st May PM	
Half Term			

Trial Exam Week

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Trial Exam Week

Trial Exam Week

OCR Paper 1

OCR Paper 2