

GCSE (9–1)
Delivery Guide

COMPUTER SCIENCE

J276

For first teaching in 2016

2-year Scheme of Work

Version 1



Year 1				
	Comp 01	Comp 02	Comp 03	Notes
Term 1				
Week 1	1.1.1/1.1.2 Systems Architecture	2.5.4 Translators & Facilities		
Week 2	1.1.3/1.1.4 Systems Architecture	2.5.4 Translators & Facilities		
Week 3	1.1.5/1.1.6 Systems Architecture	2.5.1/2.5.2 Translators & Facilities		
Week 4	1.2.1/1.2.2 Memory	2.5.3 Translators & Facilities		
Week 5	1.2.3/1.2.4/1.2.5 Memory	2.4.1/2.4.2 Computational Logic		
Week 6	Summative Tests	2.4.3/2.4.4 Computational Logic		
Half Term				
Week 7		2.1.1/2.1.2 Algorithms		
Week 8		2.1.3/2.1.4 Algorithms		
Week 9		2.1.5 Algorithms 2.3.5 Producing Robust Programs		
Week 10		2.2.1 Programming techniques 2.2.1 Programming techniques		
Week 11		2.2.9/2.2.10 Programming Techniques 2.2.11 Programming Techniques		
Week 12		2.2.8 Programming Techniques	Programming Development	
Week 13		2.2.3/2.2.7 Programming Techniques	Programming Development	
Christmas				

Year 1				
	Comp 01	Comp 02	Comp 03	Notes
Term 2				
Week 14	1.3.1/1.3.2 Storage		Programming Refresher	
Week 15	1.7.1/1.7.2 Systems Software	2.2.8 Programming Techniques		
Week 17	1.4.1/1.4.2 Wired & Wireless Networks	2.2.4 Programming Techniques		
Week 18	1.4.3/1.4.4 Wired and Wireless Networks		Programming Development	
Week 19	1.4.5/1.4.6 Wired and Wireless Networks		Programming Development	
Week 20	Summative Tests		Programming Development	
Half Term				
Week 21		2.3.1/2.3.2 Producing Robust Programs	Programming Development	
Week 22		2.3.3/2.3.4 Producing Robust Programs	Programming Development	
Week 23		2.3.5/2.3.6 Producing Robust Programs	Programming Development	
Week 24			Process for Success Programming Development	
Week 25			Formal Coding Assessment Formal Coding Assessment	Use Process for Success to complete a Programming Challenge Task
Week 26			Formal Coding Assessment Formal Coding Assessment	
Week 27			Formal Coding Assessment Formal Coding Assessment	
Easter				

Year 1				
	Comp 01	Comp 02	Comp 03	Notes
Term 3				
Week 28	1.5.1/1.5.2 Network Topologies, Protocols & Layers		Programming Development	Complete either 2 x smaller coding challenges over the next term or one larger one - both using Process for Success as a template for completion; ensure students are well aware of mark scheme and provide feedback and guidance on meeting NEA requirements.
Week 29	1.5.3/1.5.4 Network Topologies, Protocols & Layers		Programming Development	
Week 30	1.5.5/1.5.6 Network Topologies, Protocols & Layers		Programming Development	
Week 31		2.6.1/2.6.2 Data Representation	Programming Development	
Week 32		2.6.3/2.6.4/2.6.5 Data Representation	Programming Development	
Week 33		2.6.6/2.6.7/2.6.8 Data Representation	Programming Development	
Half Term				
Week 34		2.6.9/2.6.10/2.6.11 Data Representation	Programming Development	
Week 35		2.6.12/2.6.13/2.6.14 Data Representation	Programming Development	
Week 36		2.6.15/2.6.16 Data Representation	Programming Development	
Week 37		2.6.17/2.6.18 Data Representation	Programming Development	
Week 38		2.2.5/2.2.6 Programming Techniques	SQL	
Week 39			Programming Development SQL	
Week 40			Programming Development SQL	

Year 2				
	Comp 01	Comp 02	Comp 03	Notes
Term 1				
Week 1	1.8.1 Ethical, legal, cultural & environmental		Programming Skills Audit	
Week 2	1.8.2/1.8.3 Ethical, legal, cultural & environmental		Programming Skills Audit	
Week 3	1.8.4/1.8.5 Ethical, legal, cultural & environmental		Programming Skills Audit	
Week 4	1.8.6 Ethical, legal, cultural & environmental		Programming Skills Audit	
Week 5			Programming Skills Audit Programming Skills Audit	
Week 6			Programming Skills Audit Programming Skills Audit	
Half Term				
Week 7			1 x Introduction to Task NEA Hour 1	
Week 8			NEA Hour 2 NEA Hour 3	
Week 9			NEA Hour 4 NEA Hour 5	
Week 10			NEA Hour 6 1 x General Skills Lesson	
Week 11			NEA Hour 7 NEA Hour 8	
Week 12			NEA Hour 9 NEA Hour 10	
Week 13			NEA Hour 11	
Christmas				

Year 2				
	Comp 01	Comp 02	Comp 03	Notes
Term 2				
Week 14			NEA Hour 12 NEA Hour 13	
Week 15			NEA Hour 14 1 x General Skills Lesson	
Week 17			NEA Hour 15 NEA Hour 16	
Week 18			NEA Hour 17 NEA Hour 18	
Week 19			NEA Hour 19 NEA Hour 20	
Week 20			Overspill	
Half Term				
Week 21	1.6.1 System Security 1.6.1 System Security			
Week 22	1.6.2 System Security 1.6.2 System Security			
Week 23	1.6.3 System Security 1.6.3 System Security			
Week 24	Revision			Practice LoR Framework answers
Week 25	Revision			Practice LoR Framework answers
Week 26	Revision			Practice LoR Framework answers
Week 27	Revision			Practice LoR Framework answers
Easter				

Year 2				
	Comp 01	Comp 02	Comp 03	Notes
Term 3				
Week 28	Revision	Revision		
Week 29	Revision	Revision		
Week 30	Revision	Revision		
Week 31	Revision	Revision		
Week 32	Revision	Revision		
Week 33	Revision	Revision		
Half Term				
Week 34				
Week 35				
Week 36				
Week 37				
Week 38				
Week 39				
Week 40				



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