

GCSE Computer Science Revision plans 2017/18

Day	Date	WK	Examinations	Topic/Skill Focus	Assessment	HWK/Revision to be set
January Wednesday	3		Year 11 Mock Exams			
Thursday	4			NEA		Revision for mock examination. (Component 01)
Friday	5			NEA		
Monday	8	A	Year 11 Mock Exams	NEA Skills session		
Tuesday	9					
Wednesday	10					
Thursday	11			NEA		Revision for mock examination. (Component 01)
Friday	12			NEA		
Monday	15	B	Year 11 Mock Exams			
Tuesday	16					
Wednesday	17					
Thursday	18		NEA		ZigZag WS 7 Binary codes and Characters	
Friday	19		NEA			
Monday	22	A		NEA Skills session		
Tuesday	23					
Wednesday	24					
Thursday	25		NEA		ZigZag WS 8 Digital Images	
Friday	26		NEA			
Monday	29	B				
Tuesday	30					
Wednesday	31					
February Thursday	1		Y11 mock results day	NEA		ZigZag WS 9 Digital Sound
Friday	2			NEA		
Monday	5	A		NEA Skills session		
Tuesday	6		Y11 Stepping up day			
Wednesday	7					
Thursday	8			NEA		ZigZag WS 12 Algorithms

Friday	9			NEA			
Monday	12	B					
Tuesday	13						
Wednesday	14						
Thursday	15			NEA		Component 01 past paper questions and revision pack set.	
Friday	16			NEA			
Half term holiday Monday 19th- Friday 23rd February							
Monday	26	A		Network threats			
Tuesday	27						
Wednesday	28						
March Thursday	1			Identifying system vulnerabilities	Past paper questions to be completed in the lesson.	ZigZag WS 13 Selection Control Flow	
Friday	2			Preventing system vulnerabilities	Past paper questions to be completed in the lesson.		
Monday	5	B					
Tuesday	6						
Wednesday	7						
Thursday	8			Developing pseudocode		ZigZag WS 14 Iteration Control Flow	
Friday	9			Developing pseudocode	Modelling pseudocode for given scenarios. Correct use of loops.		
Monday	12	A	Y11 testing week	Developing pseudocode			
Tuesday	13			GCSE PE practical exam			
Wednesday	14			GCSE PE practical exam			
Thursday	15			Y11 dance exam (13:20-15:20)	Developing flowcharts	Correct use of flowchart symbols for given scenarios with justification.	ZigZag WS 15 Handling data in Algorithms Quizzing from Networking knowledge organiser on key terminology.
Friday	16				Developing flowcharts	Using flowcharts to model solutions to exam style questions.	
Monday	19	B					
Tuesday	20						
Wednesday	21						
Thursday	22			Types and scale of computer networks. Peer to peer vs client-server.	Past paper questions. Quizzing on key terminology.	ZigZag WS 16 Trace and Testing	

						Quizzing on the fetch-decode-execute cycle.
Friday	23			The use of encryption and links to network security.	Use of the Caesar and keyword cipher. Correct descriptions of asymmetric key encryption (Past questions)	
Monday	26	A		The CPU & Von-Neumann architecture.	Past paper questions linking to computer systems and architecture.	
Tuesday	27					
Wednesday	28			Fetch-Decode-Execute cycle	Quiz	Personalised revision for components 01 and 02.
Thursday	29			Primary memory		
Easter holiday Friday 30th March-Friday 13th April						
April	2	Easter Revision Sessions				
Monday						
Tuesday	3					
Wednesday	4					
Monday	16	B				
Tuesday	17					
Wednesday	18					
Thursday	19		Y11 Reports	Secondary Storage	Past questions summarising Computer system	Past paper questions for computer systems and memory usage.
Friday	20			Mock Component 2 paper	Mock paper (OCR SAMPLE)	
Monday	23	A		Data representation: Barcodes and check digits	Sample questions	
Tuesday	24					
Wednesday	25					
Thursday	26			Representation of sound & images	Example of sampling a sound wave and the conversion into binary representation. Complex topics of image representation.	Mock questions, revision from data representation knowledge organisers.
Friday	27			Feedback to Mock paper 02		
Monday	30	B				
May	1					
Tuesday						
Wednesday	2					
Thursday	3		Ethical issues in computing (Environmental and cultural)	Summary document of planning an ethics question and 2 mock questions.	Mock ethics questions from past papers. Relevant examples of hot topics to be given wider reading for.	

						Revision.
Friday	4			Computing legislation and its effects on the way in which we use computer systems.	Summary document of laws and regulations alongside questions whereby the laws must be applied to case studies.	
May Day						
Monday	7	A				
Tuesday	8					
Wednesday	9					
Thursday	10		Interpreting algorithms	Trace table questions and designing algorithms for a given purpose.	Revision for examinations in the following week.	
Friday	11		Walking talking mock components 1 & 2			
Monday COMPONENT 1 AM EXAMINATION	14	B	Y11 Summer exams			
Tuesday	15					
Wednesday	16					
Thursday COMPONENT 2 PM EXAMINATION	17					
Friday	18					
Monday	21	A	Y11 Summer exams			
Tuesday	22					
Wednesday	23					
Thursday	24					
Friday	25					
Half term Monday 28th May – Friday 1st June						
June	4	A	Y11 Summer exams			
Monday						
Tuesday	5					
Wednesday	6		Y11 study leave			
Thursday	7					
Friday	8					
Monday	11	A	Y11 Summer exams			
Tuesday	12					

Wednesday	13					
Thursday	14		Y11 study leave			
Friday	15					
Monday	18	B	Y11 Summer exams			
Tuesday	19					
Wednesday	20					
Thursday	21		Y11 study leave			
Friday	22					
Monday	25	A	Y11 Summer exams			
Tuesday	26		Y11 study leave			

GCSE results day

Thursday 23rd August 2018