

Year 12 Computer Science Revision plan 2017/18

Day	Date	WK	Examinations	Topic/Skill Focus	Assessment	HWK/Revision to be set
May Monday	14	B				
Tuesday	15			Data structures: Arrays, queues, lists and linked lists, tracing algorithms	Practise exam questions from resource bank, OCR topic exploration pack.	Exam style questions involving the tracing of algorithms using arrays, queues, lists and linked lists.
Wednesday	16					
Thursday	17					
Friday	18			Computer components – input, output, storage, types of memory, processor performance, computer architecture, fetch-execute cycle	PG resources	Exam style questions, creation of flashcards for fetch-decode-execute cycle. Quizzing on FDE.
Half term Monday 28th May – Friday 1st June						
Monday	21	A				
Tuesday	22			Data structures: stacks, hashing, graphs, trees	OCR topic exploration pack, PG resources	ZigZag exam questions, quizzing on networking key vocabulary.
Wednesday	23					
Thursday	24					
Friday	25			Boolean algebra: Circuitry, simplification of expressions, building logic gates, transistors	Building of circuitry using logic.ly, applying Boolean laws to simplify given Boolean expressions.	ZigZag exam questions, alternative exam board questions for stacks, hashing, graphs and trees
Half term Monday 28th May – Friday 1st June						
June Monday	4	B				
Tuesday	5			Data types: Representation of images, binary, hexadecimal, binary arithmetic, floating point arithmetic, manipulation and masking	OCR topic exploration pack, PG resources	Practice exam questions involving the use of floating point arithmetic, bitwise manipulation and masking.
Wednesday	6					
Thursday	7					
Friday	8			Networking: Structure of the internet, types of network, communication, network security, client server vs peer to peer.	Walk through June 2016 paper for component 01 alongside quizzing in lesson.	Past exam paper component 01
Half term Monday 28th May – Friday 1st June						
Monday	11	A	Year 12 Mock Exams			
Tuesday	12			Exam style question practise, Laws and ethics	OCR topic exploration pack, PG resources	Past exam paper component 02

Wednesday	13					
Thursday	14					
Friday	15			Component 01 Mock exam 2 hours 30 minutes		
Monday	18	B	Year 12 Mock Exams			
Tuesday	19			Computational thinking: decomposition, abstraction, procedural thinking, logical thinking, problem recognition. Tracing algorithms	OCR topic exploration pack, PG resources, past exam questions.	Personalised revision: evidence to be provided
Wednesday	20					
Thursday	21					
Friday	22			Component 02 Mock exam 2 hours 30 minutes		

Year 12 Mock Results Day

Thursday 12th July