Year: 12

Subject: Computer Science (H446)

MWI 2 LPW | RTI 2 LPW

Indicates a key assessment

Half Term 1 (4th Sept – 20th October) **7 weeks**	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6 IIL DD	Wk7	**October Half Term Holiday**
	2.1 Elements of computational thinking			1.3.1 Compression, encryption and hashing	1.3.2 Databases			
	1.1.3 Input, output, storage		1.1.1 Structure and function of CPU		1.1.2 Types of processor		2.2.1 Programming techniques (a, b, c)	
Half Term 2 (30st October – 22ndDecember) **8 weeks**	Wk8	Wk9	Wk10	Wk11	Wk12	Wk13	Wk14	Wk15
	1.3.3 Networks			1.3.4 Web technologies			1.4.1 Data Types	
	1.2.1 Systems software			1.2.2 Applications generation		1.2.3 Software development		2.2.1 Programming techniques (d, e, f)
Half Term 3 (8th January – 9th February) **5 weeks**	Wk16	Wk17	Wk18 ICA	Wk19	Wk20 LC1	**February Half Term Holiday**		
	1.4.1 Data Types		1.4.2 Data structures & 2.3.1 Algorithms					
	1.2.4 Types of programming language			1.5.1 Computing related legislation				
Half Term 4 (19th February – 29th March) **6 weeks**	Wk21 PE	Wk22	Wk23	Wk24	Wk25	Wk26	**Easter Holiday**	**What does this year contribute towards?** • This year covers all the theory, it will then be revisited in Y13. **How does this year deliver the curriculum intent?** • It is all about computational thinking which enhances their problem-solving, logical reasoning and mathematical skills whilst also developing their understanding of a programming language.
	1.4.2 Data structures & 2.3.1 Algorithms		1.4.3 Boolean Algebra			Unit 1 revision and exam practise		
	1.5.2 Moral and ethical issues		Unit 1 revision and exam practise					
Half Term 5 (15th April – 24th May) **6 weeks**	Wk27 Trial	Wk28	Wk29 LC2	Wk30	Wk31	Wk32	**May Half Term Holiday**	
	Unit 1 revision and exam practise	Python skills		Programming project Analysis				
		2.2.2 Computational methods						
Half Term 6 (3rd June – 19th July) **7 weeks**	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38 IDC	Wk39	**Summer Holiday**
	Work Experience		Programming project Analysis	Programming project Design				

Year: 13 Subject: Computer Science (H446)

MWI 3 LPW | RTI 1 LPW

Indicates a key assessment

Half Term 1 (4th Sept – 20th October) **7 weeks**	Wk1	Wk2	Wk3	Wk4	Wk5 Trial	Wk6 Trial	Wk7	October Half Term Holiday	
	Paper 2 revision			Unit 2 revision and exam practise			Programming project - Development		
	Programming project - Design	Programming project - Development							
Half Term 2 (30st October – 22ndDecember) **8 weeks**	Wk8 LC1	Wk9	Wk10	Wk11	Wk12	Wk13	Wk14 ICA	Wk15	Christmas Holiday
	Programming project – Development - Two lessons per week								
	1.1 revision	1.2 revision	1.3 revision	1.4 revision	1.5 revision	2.1 revision	2.2 revision	2.3 revision	
Half Term 3 (8th January – 9th February) **5 weeks**	Wk16 LC2	Wk17	Wk18 PE	Wk19	Wk20	February Half Term Holiday			
	Programming project – Evaluation – Two lessons per week								
	Exam revision and practise – Two lessons per week								
Half Term 4 (19th February – 29th March) **6 weeks**	Wk21 Trial	Wk22 Trial	Wk23	Wk24	Wk25	Wk26	Easter Holiday	**What does this year contribute towards?** • Students complete the course content for the two exams and create a practical project this year. **How does this year deliver the curriculum intent?** • It is all about computational thinking which enhances their problem-solving, logical reasoning and mathematical skills whilst also developing their understanding of a programming language.	
	Unit 1 & 2 revision and exam practise		Programming project completion		Programming project submission	1.3 revision			
						1.1 revision			
Half Term 5 (15th April – 24th May) **6 weeks**	Wk27 LC3	Wk28	Wk29	Wk30	Wk31 Exams	Wk32 Exams	May Half Term Holiday		
	1.4 revision	2.1 revision	2.3 revision	Unit 1 & 2 exam practise					
	1.2 revision	1.5 revision	2.2 revision						
Half Term 6 (3rd June – 19th July) **7 weeks**	Wk33 Exams	Wk34 Exams	Wk35 Exams	Wk36	Wk37	Wk38	Wk39	Summer Holiday	
	Unit 1 & 2 exam practise	PAPER 1 MON 10TH JUNE PM	PAPER 2 TUE 18TH JUNE PM	Course complete					