Year: 10 Subject: Computer Science – OCR J277

● 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	
	1.2.3 Units	1.2.4 - Data storage Number, characters, images and sound			1.2.5 Compression	2.1.1 Computational thinking	2.4.1 Boolean logic		
Half Term 2 (30st October – 22ndDecember) **8 weeks**	Wk8	Wk9	Wk10	Wk11	● Wk12	Wk13	Wk14	Wk15	Christmas Holiday
	2.1.2 - Algorithms		2.2.1 - Programming fundamentals			2.2.2 Data types	1.2.1 Primary storage	1.2.2 Secondary storage	
Half Term 3 (8th January – 9th February) **5 weeks**	● Wk16 ICA	Wk17	Wk18 LC1	Wk19	Wk20 PE	February Half Term Holiday			
	1.1.1 CPU architecture	1.1.2 CPU performance	1.1.3 Embedded systems	1.5.1 Operating systems	1.5.2 Utility software				
Half Term 4 (19th February – 29th March) **6 weeks**	Wk21	Wk22	Wk23	Wk24	● Wk25	Wk26	Easter Holiday	**What does this year contribute towards?** • Students complete all the Paper 1 content so they can sit a Paper 1 trial. They also gain a practical experience of coding in Python. **How does this year deliver the curriculum intent?** • It facilitates computational thinking. • It builds an awareness of cyber security and emerging technological advancements. • They explore ethical, legal, cultural and environmental impacts.	
	1.3.1 Networks and topologies	1.3.2 Networks, protocols and layers		1.4.1 Network threats	1.4.1 Network vulnerabilities	2.2.3 Additional programming			
Half Term 5 (15th April – 24th May) **6 weeks**	Wk27	Wk28	● Wk29	Wk30	Wk31	Wk32	May Half Term Holiday		
	1.6.1 Ethical, legal, cultural and environmental impacts		Skills reflection	2.2.3 Additional programming techniques Unit 1 - Exam preparation					
Half Term 6 (3rd June – 19th July) **7 weeks**	Wk33	Wk34	Wk35	● Wk36 Trial	Wk37 Trial	Wk38	Wk39 LC2	Summer Holiday	
	Unit 1 - Exam preparation					VEX IQ Robotics			

Year: 11 Subject: Computer Science – OCR J277

● Indicates a key assessment

Half Term 1 (4th Sept – 20th October) **7 weeks**	**Wk1**	**Wk2**	**Wk3**	**Wk4**	● **Wk5** IDC	**Wk6** LC1	**Wk7** PE	**October Half Term Holiday**	
	2.1.3 Searching and sorting algorithms		**2.3.1 Defensive design**	**2.3.1 Testing**	**2.5.1 Languages**	**2.5.2 IDE**	**Skills reflection**		
Half Term 2 (30st October – 22ndDecember) **8 weeks**	**Wk8**	**Wk9**	● **Wk10** Trial	**Wk11** Trial	**Wk12**	**Wk13**	**Wk14** LC2	**Wk15**	**Christmas Holiday**
	Unit 2 - Exam preparation				**1.1 Systems architecture recap**	**1.2 Memory and storage recap**	**1.3 & 1.4 Networks recap**	**1.5 Systems software recap**	
Half Term 3 (8th January – 9th February) **5 weeks**	**Wk16**	**Wk17**	**Wk18**	● **Wk19** Trial	**Wk20** Trial	**February Half Term Holiday**			
	1.6 Ethical, legal cultural and environmental impacts recap	**Unit 2 - Exam preparation**		**Unit 1 - Exam preparation**					
				Unit 2 - Exam preparation					
Half Term 4 (19th February – 29th March) **6 weeks**	**Wk21** Trial	**Wk22**	**Wk23**	**Wk24** LC3	**Wk25** PE	**Wk26**	**Easter Holiday**	**What does this year contribute towards?** • All Paper 1 content was delivered in Y10, Y11 completes the Paper 2 content and revisits prior learning. **How does this year deliver the curriculum intent?** • It facilitates computational thinking. • It builds an awareness of cyber security and emerging technological advancements. • It helps make students a 'digital citizen'.	
	2.2.3 Additional programming techniques		**Unit 1 - Exam preparation**						
			Unit 2 - Exam preparation						
Half Term 5 (15th April – 24th May) **6 weeks**	**Wk27**	**Wk28**	**Wk29**	**Wk30**	**Wk31** Exam	**Wk32** Exam	**May Half Term Holiday**		
	Unit 1 - Exam preparation				**PAPER 1 WED 15TH MAY PM**	**PAPER 2 TUE 21ST MAY PM**			
	Unit 2 - Exam preparation								
Half Term 6 (3rd June – 19th July) **7 weeks**	**Wk33**	**Wk34**	**Wk35**	**Wk36**	**Wk37**	**Wk38**	**Wk39**	**Summer Holiday**	
	Course complete								