

Year 10 *Computing* – Long Term Plan 2018-19

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8 22 Oct.
Term 1	Mini NEA	Mini NEA FBI	Mini NEA	Component 1 Hardware	Component 1 Hardware FBI	Component 2 Boolean Operators	Component 2 Boolean Operators FBI	HTML Skills
Term 2	Component 3: Communication	Types of Network FBI	Protocols	Network Transmission methods FBI	Component 4: Data Representation	HTML Skills	HTML FBI	
Term 3	Greenfoot Skills	Greenfoot FBI	Assembly Language Littleman Computer	Searches and Sorting	Component 2 Test FBI	Component 5: Operating Systems		
Term 4	Component 5: Utility Software	Component 6 Principles of Programming FBI	Component 6 Principles of Programming	Component 6 Principles of Programming FBI	Eduqas 7. Software engineering	7.1 Integrated Development Environment		
Term 5	8: Program Construction	8.2 Programming Errors FBI	9 Security and data management	9.1 Cyber security FBI	9.2 Identifying Vulnerabilities			
Term 6	9.3 Data Management	9.4 Data Policies FBI	Practice NEA	Practice NEA	Practice NEA FBI	Practice NEA	Practice NEA	

Year 11 *Computing* – Long Term Plan 2018-19

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8
Term 1	Mini NEA	Mini NEA FBI	Mini NEA	Component 1 Hardware NEA	Component 1 Hardware NEA FBI	Component 2 Boolean Operators NEA	Component 2 Boolean Operators FBI NEA	Component 3: Communication NEA
	Week 1 5 Nov.	Week 2 12 Nov.	Week 3 19 Nov.	Week 4 26 Nov.	Week 5 3 Dec.	Week 6 10 Dec.	Week 7 17 Dec.	
Term 2	Component 3: Communication	Revision FBI	Revision	Mock FBI	Component 4: Data Representation	HTML Skills	HTML FBI	
	Week 1 7 Jan.	Week 2 14 Jan.	Week 3 21 Jan.	Week 4 28 Jan.	Week 5 4 Feb.	Week 6 11 Feb.		
Term 3	Greenfoot Skills NEA	Greenfoot FBI NEA	Assembly Language Searches and Sorting	Paper 2 Practice FBI	Component 5: Operating Systems NEA	NEA		
	Week 1 25 Feb.	Week 2 4 Mar.	Week 3 11 Mar.	Week 4 18 Mar.	Week 5 25 Mar.	Week 6 1 April		
Term 4	Component 6 Principles of Programming NEA	Component 6 Principles of Programming NEA FBI	Eduqas 7. Software engineering NEA	Component 8. Program construction NEA FBI	Component 9. Security and data management NEA	Component 10. Ethical, legal and environmental impacts of digital technology on wider society NEA		
	Week 1 22 April	Week 2 29 April	Week 3 6 May	Week 4 13 May	Week 5 20 May			
Term 5	Greenfoot Practice Test Revision	Greenfoot Practice Test Revision	HTML Assembly Language Revision	Practice Test Revision	Practice Test Revision			

1. Grade 8

1.1 To achieve grade 8 candidates will be able to:

- demonstrate relevant and comprehensive knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts
- effectively apply fundamental concepts, principles and mathematical skills, using sustained analytical, logical and evaluative computational thinking, to a wide range of complex problems
- develop and refine a complete solution that meets the requirements of a substantial problem

2. Grade 5

2.1 To achieve grade 5 candidates will be able to:

- demonstrate mostly accurate and appropriate knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts
- appropriately apply fundamental concepts, principles and mathematical skills, using analytical, logical and evaluative computational thinking, to a range of problems
- produce a working solution that meets most requirements of a substantial problem

3. Grade 2

3.1 To achieve grade 2 candidates will be able to:

- demonstrate limited knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts
- apply fundamental concepts, principles and mathematical skills, using basic analytical and logical computational thinking, to straightforward problems with limited accuracy
- produce a partially working solution that meets some requirements of a substantial problem