Year 11 Long Term Scheme of Learning 2024-25

Subject: Computer Science

Date	Exams/ Assess	Unit(s)
2/9/24		**3.2 Programming** • 3.2.6 Data structures • 3.2.10 Structured programming and subroutines (procedures and functions) • 3.2.11 Robust and secure programming **3.1 Fundamentals of algorithms (taught at the same time as programming)** • 3.1.2 Efficiency of algorithms • 3.1.3 Searching algorithms • 3.1.4 Sorting algorithms Core Task - End of unit test on 3.1 Fundamentals of algorithms
9/9/24		
16/9/24		
23/9/24		
30/09/24		
7/10/24		
14/10/24		
21/10/24		

4/11/24		**3.2 Programming (finish outstanding tasks)**
		
		3.6 Cyber security (taught at the same time as programming)
		• 3.6.1 Cyber security threats
		   o 3.6.1.1 Social engineering
		   o 3.6.1.2 Malicious code
		   o 3.6.2 Methods to detect and prevent cyber security threats
		
		Core Task - End of unit test on 3.6 Fundamentals of cyber security
		
		Core Task - PPE 2 to include units 3.1, 3.2, 3.3, 3.4 and 3.5

11/11/24		
18/11/24		
25/11/24		
2/12/24		
9/12/24		
16/12/24		
6/1/25		**3.2 Extended programming tasks** **3.7 Relational databases and structured query language (SQL)** • 3.7.1 Relational databases • 3.7.2 Structured query language (SQL) Core Task - End of unit test on 3.7 Relational databases Core Task - PPE 2 to include units 3.1, 3.2 – paper 1 and 3.3, 3.4, 3.5, 3.6 and 3.7 – Paper 2
13/1/25		
20/1/25		
27/1/25		
3/2/25		
10/2/25		
24/2/25		**3.2 Extended programming tasks** **3.8 Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy** • Legal • Ethical • Environment
3/3/25		
10/3/25		
17/3/25		
24/3/25		
31/3/25		
21/4/25		**3.2 Extended programming tasks** **Revision for the final exams**
28/4/25		
5/5/25		GCSE Exams Start
12/5/25		
19/5/25		
2/6/25		
9/6/25		
16/6/25		
23/6/25		
30/6/25		
7/7/25		
14/7/25		