

National curriculum or specification coverage

Students will continue to learn about Computer Science Theory as well as developing their practical coding skills in Python.

3.1 Fundamentals of algorithms

3.2 Programming

3.6 Cyber security

3.7 Relational databases and structured query language (SQL)

3.8 Ethical, legal and environmental impacts of digital technology on wider society, including issues of privacy

Date	Exams/ Assessments	Learning Intentions	Core Task / Assessments
31/08/26		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	End of unit test on 3.1 Fundamentals of algorithms
07/09/26			
14/09/26			
21/09/26			
28/09/26			
05/10/26			
12/10/26	Y11		
19/10/26	Y11		
26/10/26	HALF TERM		
02/11/26		3.2 Programming (finish outstanding tasks) 3.6 Cyber security (taught at the same time as programming) 3.6.1 Cyber security threats 3.6.1.1 Social engineering 3.6.1.2 Malicious code 3.6.2 Methods to detect and prevent cyber security threats	End of unit test on 3.6 Fundamentals of cyber security
09/11/26			
16/11/26			
23/11/26			
30/11/26			
07/12/26			
14/12/26			
21/12/26	CHRISTMAS HOLIDAY		
28/12/26			

Year 11 Long Term Scheme of Learning 2026-2027

Subject: Computer Science

04/01/27		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)	End of unit test on 3.7 Relational databases 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
11/01/27			
18/01/27			
25/01/27			
01/02/27	Y11		
08/02/27	Y11		
15/02/27	HALF TERM		
22/02/27		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	End of unit test on 3.8 Ethical, legal and environmental impacts
01/03/27			
08/03/27			
15/03/27			
22/03/27			
29/03/27	SPRING BREAK		
05/04/27			
12/04/27		3.2 Extended programming tasks Revision for the final exams GCSE Exams Start	
19/04/27			
26/04/27			
03/05/27			
10/05/27			
17/05/27			
24/05/27			
31/05/27	HALF TERM		
07/06/27			
14/06/27			
21/06/27			
28/06/27			
05/07/27			
12/07/27			