Year 12 Long Term Scheme of Learning 2023-24

Computer Science

HELSBY High School
Achieving Success Valuing Others

Date	Exams/ Assess	Unit(s)
4/9/23		Course introduction, method of assessment, expectations, set up folders etc.
11/9/23		**Mr Davies:** 4.5 Fundamentals of data representation - 4.5.1 Number Systems, 4.5.2 Number bases, 4.5.3 Units of Information 4.5.4 Binary
18/9/23		
25/9/23		
2/10/23		**Mr Griffin:** 4.1.1 Programming Basics
9/10/23		
16/10/23		
30/10/23		**Mr Davies:** 4.5 Fundamentals of data representation - 4.5.5 Info Coding Systems, 4.5.6 Representing Images and Sound
6/11/23		
13/11/23		4.6 Fundamentals of computer systems - 4.6.1 Hardware and software, 4.6.2 Classification of programming languages
20/11/23		
27/11/23		
4/12/23		**Mr Griffin:** 4.1.1 Programming Basics, 4.14 Non-Exam Assessment
11/12/23		
1/1/24		**Mr Davies:** 4.6 Fundamentals of computer systems - 4.6.3 Types of program translator, 4.6.4 Logic gates, 4.6.5 Boolean algebra
8/1/24		
15/1/24	■	**Mr Griffin:** 4.1.2 Programming Paradigms, 4.14 Non-Exam Assessment
22/1/24		
29/1/24		
5/2/24		
12/2/24		
26/2/24		**Mr Davies:** 4.7 Fundamentals of computer organisation and architecture - 4.7.1 Internal hardware components of a computer, 4.7.2 The stored program concept
4/3/24		
11/3/24		**Mr Griffin:** 4.2.1 Data structures and abstract data types, 4.14 Non-Exam Assessment
18/3/24		
25/3/24		
15/4/24		**Mr Davies:** 4.7 Fundamentals of computer organisation and architecture - 4.7.3 Structure and role of the processor and its components 4.7.4 External hardware devices
22/4/24		
29/4/24		**Mr Griffin:** 4.2.2 Queues, 4.2.3 Stacks, 4.14 Non-Exam Assessment
6/5/24		
13/5/24		
20/5/24		
3/6/24		**Mr Davies:** 4.8 Consequences of Computing
10/6/24		
17/6/24	■	**Mr Griffin:** 4.2.4 Graphs, 4.14 Non-Exam Assessment
24/6/24	■	
1/7/24		
8/7/24		
15/7/24		