

Computing - Year 7 - Learning Journey 2024-2025

Week	Date	Key Construct	Topic	Work that will be assessed
1 (Thurs)	05.09.24	KC-1 Impact of Digital Technology KC-2 Working with Software & Documents KC 4 Networks and Communications	Organizing Your Work Usernames & passwords. Using email. Using the school network, the web and Google Classroom. Saving work (including drives, folders and filenames). Organizing and Formatting Text Page orientation. Paragraphs, headings, styles, bold, italic, underline, sub-script, super-script, special symbols. Adding images, repositioning and cropping. Working with tables. Printing.	Word-Processed work: Communicating Safely and Responsibly School Timetable
2	09.09.24			
3	16.09.24			
4	23.09.24			
5	30.09.24			
6	07.10.24			
7	14.10.24			
8	21.10.24			
Half term				
9	04.11.24	KC-2 Working with Software & Documents	Working with Data and Presenting Results Structuring data using cells. Cell borders and shading. Cell references. Simple calculations between cells using formulae. Linking a series of several calculations together. Scaling to fit page when printing. Useful functions and statistics (SUM, AVERAGE, MIN, MAX). Plotting charts and graphs of data with appropriate titles/labels. Data Drop Contingency Lesson	Spreadsheet work: Statistical Averages Creating Graphs and Charts
10	11.11.24			
11	18.11.24			
12	25.11.24			
13	02.12.24			
14	09.12.24			
15	16.12.24			
CHRISTMAS				
16	06.01.25	KC-2 Working with Software & Documents KC-3 Computer Systems	Organizing and Presenting Data Effectively Parts of a Computer System: Hardware and Software Difference between hardware and software. Common input, output and storage devices.	PowerPoint presentations: Hardware Devices Types of Software
17	13.01.25			
18	20.01.25			
19	27.01.25			
20	03.02.25			
21	10.02.25			
Half term				
22	24.02.25	KC-5 Data Representation KC-2 Working with Software & Documents	Binary Numbers Useful spreadsheet functions (POWER, BASE). Character symbols and codes. Bitmap graphics, pixels and resolution. Representing simple bitmap images using binary. Preparation for Exam / Data drop in books Preparation for Exam	Spreadsheet work: Binary Conversion UNICODE Message
23	03.03.25			
24	10.03.25			
25	17.03.25			
26	24.03.25			
27	31.03.25			
EASTER				
28 (BH)	21.04.25		Annual Exams – Core Subjects Annual Exams Annual Exams Exam RAP / Addressing Misconceptions Exam RAP / Addressing Misconceptions	Annual Exam
29	28.04.25			
30 (BH)	06.05.25			
31	12.05.25			
32	19.05.25			
Half term				
33	02.06.25	KC-6 Problem Solving and Programming	Designing, Writing and Testing Computer Programs. Flowcharts. Sequences of simple program instructions, displaying text, pausing. Entering simple text & numeric values. Displaying results of simple calculations. Making decisions using IF-THEN-ELSE. Simple iteration using FOR loops and variables. Finding and correcting errors in programs. Data Drops in books and Contingency time	Program: Higher/Lower Guessing Game (method, program code and evidence of testing)
34	09.06.25			
35	16.06.25			
36	23.06.25			
37	30.06.25			
38	07.07.25			
39	14.07.25	Activities week		

Computing - Year 7 - Assessment Progress Tracker 2024-25

Name:		Autumn	Spring	Summer
Subject Target		Flightpath		
Annual Exam Grade:		BFL		

	Assessed Work	Key Constructs	Assessment Objectives	Flight-Path Grade
Autumn Term Part 1	Word Processing: Communicating Safely and Responsibly	KC-1 Impact of Digital Tech. KC-2 Software & Documents KC-4 Networks & Communication	1.1, 1.2 2.1, 2.2, 2.3 4.4	
	Word Processing: School Timetable	KC-2 Software & Documents	1.1, 1.2 2.1, 2.2, 2.3 3.4	
Autumn Term Part 2	Spreadsheet: Statistical Averages	KC-1 Impact of Digital Tech. KC-2 Software & Documents	1.1, 1.2 2.1, 2.2, 2.3 3.4	
	Spreadsheet: Creating Graphs and Charts	KC-2 Software & Documents	1.1, 1.2 2.1, 2.2, 2.3 3.4	
Spring Term Part 1	Web-Page: Hardware Devices	KC-2 Software & Documents KC-3 Systems	1.1, 1.2 2.1, 2.2, 2.3 3.1, 3.3, 3.4	
	Web-page: Types of Software	KC-2 Software & Documents KC-3 Systems	1.1, 1.2 2.1, 2.2, 2.3 3.1, 3.3, 3.4	
Spring Term Part 2	Spreadsheet: Binary Conversion	KC-5 Data Representation	2.1, 2.2, 2.3 5.1, 5.2, 5.5 6.3, 6.4, 6.5	
	Spreadsheet: UNICODE Message	KC-5 Data Representation	2.1, 2.2, 2.3 5.1, 5.2, 5.5 6.3, 6.4, 6.5	
Summer Term Part 2	Higher/Lower Guessing Game (method, program code and evidence of testing)	KC-6 Problem Solving and Programming	6.6	