

# Computing - Year 7 - Learning Journey 2023-2024

Week	Date	Key Construct	Topic	Assessment Objectives	Work that will be assessed
1 (Wed)	04.09.23	<b>KC 1</b> <b>Impact of Digital Technology</b>  <b>KC 2</b> <b>Working with Software &amp; Documents</b>  <b>KC 3 Systems</b>	<b>Organizing Your Work</b> Usernames & passwords. Using email. Using the school network, the web and Google Classroom. Saving work (including drives, folders and filenames).  <b>Organizing and Formatting Text</b> Page orientation. Paragraphs, headings, styles, bold, italic, underline, sub-script, super-script, special symbols. Adding images, repositioning and cropping. Working with tables. Printing.	<b>1.2</b> <b>2.1, 2.2, 2.3</b> <b>3.4</b>	<b>Word-Processed work:</b>  <b>Top-Tips for Passwords</b>  <b>School Timetable</b>
2	11.09.23				
3	18.09.23				
4	25.09.23				
5	02.10.23				
6	09.10.23				
7	16.10.23				
Half term					
8	30.10.23	<b>KC 2</b> <b>Working with Software &amp; Documents</b>  <b>KC 3 Systems</b>	<b>Organizing Numeric Data and Performing Calculations</b> 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).  <b>Data Drop</b> <b>Contingency Lesson</b>	<b>2.1, 2.2, 2.3</b> <b>3.4</b>	<b>Spreadsheet work:</b>  <b>Statistical Averages</b>  <b>Binary Conversion</b>
9	06.11.23				
10	13.11.23				
11	20.11.23				
12	27.11.23				
13	04.12.23				
14	11.12.23				
CHRISTMAS					
15 (Tue)	02.01.24	<b>KC 3</b> <b>Computer Systems</b>  <b>KC 4</b> <b>Networks &amp; Communication</b>	<b>Creating and Testing Web-pages Using HTML</b> HTML and use of common tags. Creating themed web-page with title, sub-titles and paragraphs of text. Testing that the page loads and displays as intended in a browser.  <b>Parts of a Computer System: Hardware and Software</b> Difference between hardware and software. Common input, output and storage devices.	<b>1.2</b> <b>2.1, 2.2, 2.3</b> <b>3.1, 3.3, 3.4</b> <b>4.4, 4.5</b>	<b>HTML page:</b>  <b>Computer Systems</b>  <b>Test:</b>  <b>HTML and Tags</b>
16	08.01.24				
17	15.01.24				
18	22.01.24				
19	29.01.24				
20	05.02.24				
Half term					
21	19.02.24	<b>KC 5 Data Representation</b>  <b>KC 2 Working with Software &amp; Documents</b>  <b>KC 6 Problem Solving and Programming</b>	<b>Binary Numbers</b> Useful spreadsheet functions (POWER, BASE). Bitmap graphics, pixels and resolution. Representing simple bitmap images using binary.  <b>Drawing Flow-Charts to Solve a Problem</b> Purpose of flowcharts and meaning of each symbol. Tracing through flowchart paths.	<b>2.1, 2.2, 2.3</b> <b>5.1, 5.2, 5.5</b> <b>6.3, 6.4, 6.5</b>	<b>Spreadsheet work:</b>  <b>UNICODE Message</b>  <b>Bitmap Image Data</b>
22	26.02.24				
23	04.03.24				
24	11.03.24				
25	18.03.24				
26	25.03.24				
EASTER					
27	17.04.24		Exam Prep		Annual Exam
28	24.04.24		Exam Prep		
29 (BankH)	02.05.24		Annual Exams		
30	08.05.24		Annual Exams		
31	15.05.24		Exam RAP / Addressing Misconceptions		
32	22.05.24		Exam RAP / Addressing Misconceptions		
Half term					
33	05.06.24	<b>KC 6</b> <b>Problem Solving and Programming</b>	<b>Writing and Testing Computer Programs.</b> Sequences of simple instructions, displaying text, pausing. Finding simple errors. Entering simple text & numeric values. Display results of simple calculations. Making decisions using IF-THEN-ELSE. Simple iteration using FOR loops and variables.  <b>Contingency</b>	<b>6.6</b>	<b>Program:</b> <b>Area of a Triangle</b> (Method, Program and Evidence of Testing)
34	12.06.24				
35	19.06.24				
36	23.06.24				
37	03.07.24				
38	10.07.24				
39	17.07.24		Activities week		

### Computing - Year 7 - Assessment Progress Tracker 2023-24

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: Top-Tips for Passwords	KC 1 Impact Tech. KC 2 Software & Documents KC 3 Systems	1.2 2.1, 2.2, 2.3 3.4	
Autumn Term Part 1	Word Processing: School Timetable	KC 2 Software & Documents KC 3 Systems	1.2 2.1, 2.2, 2.3 3.4	
Autumn Term Part 2	Spreadsheet: Statistical Averages	KC 2 Software & Documents	2.1, 2.2, 2.3 3.4	
Autumn Term Part 2	Spreadsheet: Binary Conversion	KC 2 Software & Documents	2.1, 2.2, 2.3 3.4	
Spring Term Part 1	Web-Page: Computer Systems	KC 3 Systems KC 4 Networks & Comm.	1.2 2.1, 2.2, 2.3 3.1, 3.3, 3.4 4.4, 4.5	
Spring Term Part 1	Test: HTML and Tags	KC 3 Systems KC 4 Networks & Comm.	1.2 2.1, 2.2, 2.3 3.1, 3.3, 3.4 4.4, 4.5	
Spring Term Part 2	Spreadsheet: UNICODE Message	KC 5 Data Rep.	2.1, 2.2, 2.3 5.1, 5.2, 5.5 6.3, 6.4, 6.5	
Spring Term Part 2	Spreadsheet: Bitmap Image Data	KC 5 Data Rep.	2.1, 2.2, 2.3 5.1, 5.2, 5.5 6.3, 6.4, 6.5	
Summer Term Part 2	Program: Area of a Triangle	KC 6 Problem Solving and Programming	6.6	