

# Computing Year 7 Learning Journey 2022-2023

Week	Date	Key Construct	Topic	Assessment Objectives	Work that will be assessed
1	05.09.22	KC 7.2 Working with Software & Documents	<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.	AO 1.2 AO 2.1 AO 2.2 AO 2.3 AO 3.4	Word-Processed Timetable
2	12.09.22				
3	19.09.22				
4	26.09.22				
5	03.10.22				
6	10.10.22				
7	17.10.22				
<b>Half term</b>					
8	31.10.22	KC 7.2 Working with Software & Documents	<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).	AO 2.1 AO 2.2 AO 2.3 AO 3.4	Number Pyramid Spreadsheet
9	07.11.22				
10	14.11.22				
11	21.11.22				
12	28.11.22				
13	05.12.22				
14	12.12.22				
<b>CHRISTMAS</b>					
15(Wed)	04.01.23	KC 7.2 Working with Software & Documents	<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.	AO 1.2 AO 2.1 AO 2.2 AO 2.3	Hardware Web-Page  Software Web-Page
16	09.01.23				
17	16.01.23				
18	23.01.23	KC 7.3 Computer Systems	<b>Parts of a Computer System: Hardware and Software</b> Difference between hardware and software. Common input, output and storage devices.	AO 3.1 AO 3.3 AO 3.4 AO 4.4 AO 4.5	
19	30.01.23				
20	06.02.23				
<b>Half term</b>					
21	20.02.23	KC 7.5 Data Representation	<b>Binary Numbers</b> Useful spreadsheet functions (POWER, BASE). Bitmap graphics, pixels and resolution. Representing simple bitmap images using binary.	AO 5.1 AO 5.2 AO 5.5	Binary Converter Spreadsheet  Bitmap Image Spreadsheet
22	27.02.23				
23	06.03.23				
24	13.03.23				
25	20.03.23				
26	27.03.23				
<b>EASTER</b>					
27	17.04.23	KC 7.2 Working with Software & Documents	EOYE	AO 6.3 AO 6.4 AO 6.5	
28	24.04.23				
29 (BH)	02.05.23				
30	08.05.23	KC 7.6 Problem-Solving and Programming	<b>Drawing Flow-Charts to Solve a Problem</b> Purpose of flowcharts and meaning of each symbol. Tracing through flowchart paths.		
31	15.05.23				
32	22.05.23				
<b>Half term</b>					
33	05.06.23	KC 7.6 Problem-Solving and Programming	<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.	AO 6.6	Area of a Triangle (Algorithm, Program and Evidence of Testing)
34	12.06.23				
35	19.06.23				
36	23.06.23				
37	03.07.23				
38	10.07.23				
39	17.07.23		<b>Contingency</b>		
<b>Activities week</b>					

**Computing Year 7 Assessment Progress Tracker 2022-23**

<b>Name:</b>		<b>Tutor:</b>	<b>Key Constructs that are assessed:</b>  KC 7.2 Working with software and documents  KC 7.3 Computer Systems  KC 7.5 Data Representation  KC 7.6 Problem-Solving and Programming
<b>Subject Target</b>		<b>EOYE Grade:</b>	
	<b>Flightpath</b>	<b>BFL</b>	
<b>Autumn 1</b>			
<b>Autumn 2</b>			
<b>Spring 1</b>			
<b>Spring 2</b>			
<b>Summer 1</b>			
<b>Summer 2</b>			

Assessed Work			
Key Construct	Assessment	Flight-Path Grade	Action (s) to make progress
KC 7.2	Word-Processing: Timetable		
KC 7.2	Number Pyramid Spreadsheet		
KC 7.3	Computer Hardware Web-Page		
KC 7.3	Computer Software Web-Page		
KC 7.5	Binary Conversion Spreadsheet		
KC 7.5	Bitmap Image Spreadsheet		
KC 7.6	Area of a Triangle Algorithm, Program and Evidence of Testing		