



## Key Stage 3 Year 7 Computing



### Personalised Learning Checklist

**Name:**

**Group:**

Use this checklist before your assessment to focus your work and after to check the effectiveness of your work.

<b>G</b>	I am confident about this topic and I know what I need to do.
<b>A</b>	I am not too sure about this topic. I may need to check with my teacher and spend more time working on this topic.
<b>R</b>	I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to do it.

Lesson	Topic/Unit Focus					
<b>Digital Literacy</b>		Support	R	A	G	
1	I can remember the 5 <b>computer room safety rules</b>	<b>KO</b>				
	<b>EXTEND:</b> I can explain why each rule is important					
2	I can sign in to <b>Google Classroom</b>					
	I can find & complete my classwork					
	I can find and complete my homework					
3	I can make folders to store my work and <b>manage my files</b>					
	I know the difference between a file and a folder					
4	I know what <b>Hotkeys</b> are and which key activates them					
5	I can use the common Hotkeys Ctrl+ C V B U E S A Z					
	<b>EXTEND:</b> I can use more than 10 hotkeys					
6	I can name 4 different <b>File Types</b> for images					
	I can use advanced search in Google					
<b>PowerPoint &amp; Hyperlinks</b>			Support	R	A	G
1	I can create <b>hyperlinks</b> to move between slides		<b>KO</b>  <a href="#">Video Lesson</a>			
2	I can choose appropriate <b>fonts</b> and <b>colour schemes</b> to make my slides clear					
3	I can create an interactive PowerPoint Quiz					
4	I can act on feedback to meet targets					

Computer Systems		Support	R	A	G
1	I can explain the difference between hardware and software	<a href="#">KO</a>			
	I can give 3 examples of hardware and three examples of software	<a href="#">Video 1</a>			
2	I can explain the difference between <b>input</b> and <b>output</b> devices and give examples	<a href="#">KO</a>			
	I can explain storage devices and give 2 or more examples	<a href="#">Video 2</a>			
3	I can describe the <b>process</b> step in the input-process-output cycle	<a href="#">KO</a> <a href="#">Video 3</a>			
4	I can explain what a network is	<a href="#">KO</a>			
	I can describe 2 methods for connecting <b>networks</b> together (wired and Wireless)	<a href="#">Video 4</a>			
5	I can explain 3 or more threats to <b>computer security</b>	<a href="#">KO</a>			
	I can give 3 or more ways to protect computers from these threats	<a href="#">Video 5</a>			
	<b>EXTEND:</b> I can explain how computers can adapt to support accessibility needs				
Block - Based Coding		Support	R	A	G
1	I can write code to make a sprite move with arrow keys	<a href="#">KO</a>			
2	I can write code to make an object fall automatically	<b>Videos to practice skills</b> <a href="#">1</a> <a href="#">2</a>			
3	I can understand and create variables				
4	I can use selection (If) to end the game if score is high				
	<b>EXTEND:</b> I adapt selection code to use lives or timers.				
5	I can adapt code to do a new job like bonus / bad objects in my game				
Data Representation		Support	R	A	G
1	I can work out what <b>binary</b> numbers (1001) are in <b>denary</b> (9)	<a href="#">KO</a> <a href="#">Video 1</a>			
2	I can write <b>denary</b> number (6) into <b>binary</b> (0110)	<a href="#">KO</a>			
	<b>EXTEND:</b> I can write the 8 column headings for binary numbers accurately	<a href="#">Video 2</a>			
3	I can use <b>binary</b> to create a black and white <b>image</b>	<a href="#">KO</a> <a href="#">Video 3</a>			
4	I can use <b>binary</b> to create a coloured <b>image</b>	<a href="#">KO</a> <a href="#">Video 4</a>			
5	I can explain what metadata is for an image.	<a href="#">KO</a> <a href="#">Video 5</a>			
E-Safety		Support	R	A	G
1	I can list 3 cyber security risks	<a href="#">KO</a>  <a href="#">Certificate Website</a> (sign in with your Google account)			
	I can give 3 tips to keep devices and accounts secure				
	I can give 2 security risks for smartphones				
2	I understand what an appropriate and inappropriate relationship looks like online				
	I know what online bullying is AND where/how to report it.				
	I understand what grooming is and how to avoid and report it.				
3	I can manage settings on my devices and accounts to keep them safe.				
	I know how to report issues and get help with online safety.				

## Therapy (Interventions)

I watched the following video lessons to help me recap:


I used my KO to recap the following topics:


I had a conversation with my teacher about:


## Additional Support / Guidance

If you want to learn more you could try these web links for:

### **Computer Systems**

[Computer Devices](#)

[Computer Networks](#)

### **Block Based-Coding**

[Microbit ideas](#)

[Hour of Code](#)

[Scratch](#)

### **Data Representation**

[Binary](#)

[Binary Images](#)

### **E-Safety**

[Online Safety](#)