



# Year 7 Computer Science

## Personalised Learning Checklist



**Name:** \_\_\_\_\_

**Band:** \_\_\_\_\_

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.

Unit/ Sub-Units	Topic/Unit Focus	RAG			Assessment Score & %	Grade/ USGE
<b>1</b>	<b>Under the hood- History of Computing</b>	<b>R</b>	<b>A</b>	<b>G</b>		
1.1	Internal Components of a computer and their functions					
1.2	Primary & Secondary Storage devices & characteristics					
1.3	Binary Conversion & Units of Measurements					
<b>2</b>	<b>E-Safety</b>	<b>R</b>	<b>A</b>	<b>G</b>		
2.1	Passwords and their importance					
2.2	Social Media: How to stay safe and dangers online.					
2.3	Digital Values: Digital Footprint, Posting online.					
2.4	Cyberbullying: What to do, who to talk to and support.					
2.5	Cyber Attacks : Case Studies					
<b>3</b>	<b>Thinking like a computer scientist</b>	<b>R</b>	<b>A</b>	<b>G</b>		
3.1	Algorithms: Following set of instructions					
3.2	Computational Thinking					
3.3	Data & Pattern Identification – Dr Snow and Malaria					
3.4	Emergency Evaluation					
<b>4</b>	<b>MakeCode Arcade</b>	<b>R</b>	<b>A</b>	<b>G</b>		
4.1	Introducing Variables					
4.2	Introducing Iteration					
4.3	Introducing Selection					
4.4	Two Player Game development					
4.5	Reinforcing Animation					
<b>5</b>	<b>Drawing &amp; Manipulating Shapes</b>	<b>R</b>	<b>A</b>	<b>G</b>		
5.1	Identifying and recognising patterns					
5.2	Developing Logos					
<b>6</b>	<b>Spreadsheets</b>	<b>R</b>	<b>A</b>	<b>G</b>		
6.1	Input & Formula in Spreadsheets					
6.2	Formatting in Spreadsheets					
6.3	Charts & Graphs in Spreadsheets					
6.4	Sorting & Filtering in Spreadsheets					
6.5	Functions in Spreadsheets					

**What went well (Strengths)**

Term 1	Term 2	Term 3
Term 4	Term 5	

**What could you do to improve? (Weaknesses)**

Term 1	Term 2	Term 3
Term 4	Term 5	Term 6