



Age Related Milestones: Computer Science

Year 7 AO	Meeting (You can demonstrate these skills most of the time)	Exceeding (You can demonstrate these skills most of the time)
<b>1 - Computer Systems</b> - E-Safety	I am able to identify what is meant by digital footprint. I can explain what information can be tracked on a person and how they can stay safe online.	I understand what tagging and cyber bullying is, including flaming or deceiving.
<b>2 – Computational thinking, algorithms &amp; Programming –</b> Programming in Scratch	I am able to plan a game to create in Scratch. I can create a simple game in Scratch.	I can create a detailed game in Scratch using various Scripts/Controls.
<b>1- Computer Systems</b> – Hardware & Binary	I am able to Identify what an input and output device is. I can explain what Internal and External Storage is.	I understand what RAM and CPU stand for and what they both do. I also understand basic binary.
<b>2 – Computational thinking, algorithms &amp; Programming -</b> Microbit	I understand how to connect my Microbit to the computer, download and display an image on the Microbit. I can run basic python code on my Microbit to display different outcomes.	I can run more advanced python code on the Microbit and I can clearly explain what the code does.