Year Group: 10	Subject: Computer Science	Term: Summer 2021

Topic	Key Learning points	Assessments
The CPU	Recap of unit topic • Von Neumann architecture: • the purpose of the CPU • common CPU components and their function • the function of the CPU as fetch and execute / instructions stored in memory • how common characteristics of CPUs affect their performance • embedded systems	Each lesson created will have verbal feedback from the teacher, along mini assessment.
Memory	Recap of unit topic • the difference between RAM and ROM Secondary Storage • the purpose of ROM in a computer system • the purpose of RAM in a computer system • the need for virtual memory • flash memory	Each lesson created will have verbal feedback from the teacher, along mini assessment.
Network	Recap of unit topic • types of networks • factors that affect the performance of networks • the different roles of computers in a client- server and a peer-to-peer network • the hardware needed to connect stand-alone computers into a Local Area Network • the internet as a worldwide collection of computer networks • the concept of virtual networks	Each lesson created will have verbal feedback from the teacher, along mini assessment.