

Year Group: 12

Subject: ICT

Term: Autumn 2021

Topic	Key Learning points	Assessments
Unit 1 Fundamentals of IT	<p>1.1 Computer hardware, i.e.:</p> <ul style="list-style-type: none">• input devices• output devices• communications devices• benefits (e.g. integrated devices make portable devices simpler to use)• limitations (e.g. voice recognition performs poorly in noisy environments)• uses (e.g. membrane keyboard could be used in harsh physical environments) <p>1.2 Computer components, i.e.:</p> <ul style="list-style-type: none">• processors• motherboards• storage (i.e. hard drive, solid state, flash, internal, removable, SAS, SCSI, portable, Cloud)• ports (i.e. USB, Firewire, SATA, Network, Fibre Channel)• memory (i.e. RAM, ROM, cache)	End of sub topic assessment, followed by end of unit assessment with past papers.
Unit 5 Virtual and augmented reality	<ul style="list-style-type: none">• Understand virtual and augmented reality and how they may be used• Be able to design virtual and augmented reality resources• Be able to create a virtual or augmented reality resource• Be able to predict future applications for virtual and augmented reality	Coursework unit