

Year 12 OCR Cambridge Technicals IT

Unit 17: Internet of Everything:

Understand what is meant by IoE - Be able to repurpose technologies to extend the scope of the IoE - Be able to present concert ideas for repurposed developments.

Unit 1: Fundamentals of IT:

Understand computer hardware/software, - computer systems & business IT systems - employability & communication skills used in IT environment and ethical & operational issues & threats to computer systems.

Unit 2:Global Information:

Understand where information is held & transmitted globally - understand the styles & management alongside the benefits to individuals & organisations with the legal & regulatory framework & principles of information security.



Knowledge	Attributes / Character	Skills	Experiences
<ul style="list-style-type: none"> ● Unit 1: Fundamentals of IT ● Unit 2: Global Information ● Unit 17: Internet of Everything 	<ul style="list-style-type: none"> ● Confidence <ul style="list-style-type: none"> ○ Praise effort ○ Embrace challenging learning ○ Autonomy and decision-making ○ Oracy - Turn and Talk, Think, Pair, Share ● Organisation <ul style="list-style-type: none"> ○ Handbook ○ Folder checks ○ Regular use of Google classroom ● Resilience <ul style="list-style-type: none"> ○ Developing problem solving skills ● Empathy <ul style="list-style-type: none"> ○ Group work ○ Peer assessment 	<ul style="list-style-type: none"> ● Interview skills ● Employer involvement ● Presentation Skills: Make justified decisions ● Project management ● Intrapersonal skills: communicating, working collaboratively, negotiating and influencing, self-presentation ● Interpersonal skills: self-management, adaptability and resilience, self-monitoring and development. 	<ul style="list-style-type: none"> ● Opportunities to develop IT skills within the IT department ● IT specialist ● Cisco ● Research careers in Cyber security ● Visit companies such as Amazon and Microsoft ● Visits to Universities to explore future careers