Subject: **Cambridge Nationals**
Exam Board: OCR
Mock paper: 1 hour 45 minutes
Exam Content: Computer Systems LO1 – Project Life Cycle and planning tools LO3 – Data and information LO4 – Cyber Security LO6 – Processing data and presenting information
Useful revision resources: ● Cambridge Nationals IT exam playlist https://www.youtube.com/watch?v=nrIaIuSo_OM&list=PL04uZ7242_M6-bJHYBn2UO5tGq-0LFcIv&index=1 ● GCSE Pod ● Lesson resources located in OneNote ● Information Technologies Text book (Located in IT3)
Revision Tips ● You must remember the inputs & outputs of the Project lifecycle. A phase review is an output for every phase (1 easy mark) ● Any question referring to objectives will require you to talk about the SMART objectives. ● Data types are very easy marks (the format of the data e.g. text, alphanumeric etc) ● When you asked to 'evaluate' you must include both advantages and disadvantages. ● There are 5 key legislation you need to be aware of. 3 in more detail – Data Protection, Computer Misuse Act & Copyright Design and Patent Act. ● The topic of presenting data should be common sense – you have used the majority of software yourselves – Word, Presentation software (PowerPoint), Databases, Publisher etc. You know the advantages & disadvantages from this. ● Complete past paper questions – see classwork folder

		Revised from ppt ✔	Revised from revision guide ✔	Past paper questions answered ✔
LO1 Project Life Cycle and planning tools				
1.1	Phases of PLC & tasks done in each one			
1.2	Interaction and iteration between the phases			
1.3	Inputs and outputs of each phase			
1.4	Initial project considerations			
1.5	Planning tools			

LO3 – Data and information					
	3.1	Data			
	3.2	Information			
	3.3	Methods used to collect & store data			
	3.4	Storage methods			
	3.5	Use of data in society			
LO4 – Cyber security, IT laws and validity					
	4.1	Types of threats			
	4.2	Vulnerabilities that can be exploited in a cyber attack			
	4.3	Impacts and consequences of a cyber attack			
	4.4	Prevention measures			
	4.5	IT Laws			
	4.6	Importance of validity, reliability and bias when collecting and using data & information			
LO6- Processing data and presenting information					
	6.1	Selecting software to process data (database or spreadsheet)			
	6.2	Selecting tools to present information			
	6.3	Resources required for presenting information			