

Year 11 Checklist

Spec - <https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf>

Paster Papers - <https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/assessment/>

Subject Comp Science		Paper 1	Duration 1 hour 30
What to revise		How to revise it	
1	System Architecture (CPU components and performance)	Pages 2-5 in revision guide https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-1-common-cpu-components-and-their-function https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-1-the-common-characteristics-of-cpus	
	Embedded Systems	Page 1 https://www.csnewbs.com/ocr2020-1-3-embeddedsystems	
	Primary Memory and secondary storage	Page 4 - 7 https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-ram-rom https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-the-need-for-secondary-storage	
	Data representation (Number conversions)	Pages 13 – 17 https://www.csnewbs.com/ocr2020-2-4a-numberstorage https://www.csnewbs.com/ocr2020-2-3-dataunits	
	Compression	Page 21 https://www.csnewbs.com/ocr2020-2-5-compression	
	Data representation (Characters, images and sound)	Pages 18 – 21 https://www.csnewbs.com/ocr2020-2-4d-soundstorage https://www.csnewbs.com/ocr2020-2-4c-imagestorage	
	Ethical, legal, cultural and environmental issues	Pages 34 -39 https://www.csnewbs.com/ocr2020-6-1a-impactsoftechnology https://www.csnewbs.com/ocr2020-6-1b-legislation	
	Networks	Pages 24, 27, 28, 29, https://www.csnewbs.com/ocr2020-3-1a-networkperformance https://www.csnewbs.com/ocr2020-3-1b-hardwareandinternet	



	Network security prevention methods	Page 32 https://www.csnewbs.com/ocr2020-4-1-securitythreats
	System Software (Operating and utility software)	Pages 8-10 https://www.csnewbs.com/ocr2020-5-1-operatingsystems