

# Computer Science Year 11 Checklist

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

Past 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 <a href="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-common-cpu-components-and-their-function</a> <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-1-the-common-characteristics-of-cpus">https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-1-the-common-characteristics-of-cpus</a>	
	Embedded Systems	Page 1 <a href="https://www.csnewbs.com/ocr2020-1-3-embeddedsystems">https://www.csnewbs.com/ocr2020-1-3-embeddedsystems</a>	
	Primary Memory and secondary storage	Page 4 - 7 <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-ram-rom">https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-ram-rom</a> <a href="https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-the-need-for-secondary-storage">https://student.craigndave.org/videos/ocr-gcse-j277-slr-1-2-the-need-for-secondary-storage</a>	
	Data representation (Number conversions)	Pages 13 – 17 <a href="https://www.csnewbs.com/ocr2020-2-4a-numberstorage">https://www.csnewbs.com/ocr2020-2-4a-numberstorage</a> <a href="https://www.csnewbs.com/ocr2020-2-3-dataunits">https://www.csnewbs.com/ocr2020-2-3-dataunits</a>	
	Compression	Page 21 <a href="https://www.csnewbs.com/ocr2020-2-5-compression">https://www.csnewbs.com/ocr2020-2-5-compression</a>	
	Data representation (Characters, images and sound)	Pages 18 – 21 <a href="https://www.csnewbs.com/ocr2020-2-4d-soundstorage">https://www.csnewbs.com/ocr2020-2-4d-soundstorage</a> <a href="https://www.csnewbs.com/ocr2020-2-4c-imagestorage">https://www.csnewbs.com/ocr2020-2-4c-imagestorage</a>	
	Ethical, legal, cultural and environmental issues	Pages 34 -39 <a href="https://www.csnewbs.com/ocr2020-6-1a-impactsoftechnology">https://www.csnewbs.com/ocr2020-6-1a-impactsoftechnology</a> <a href="https://www.csnewbs.com/ocr2020-6-1b-legislation">https://www.csnewbs.com/ocr2020-6-1b-legislation</a>	
	Networks	Pages 24, 27, 28, 29, <a href="https://www.csnewbs.com/ocr2020-3-1a-networkperformance">https://www.csnewbs.com/ocr2020-3-1a-networkperformance</a> <a href="https://www.csnewbs.com/ocr2020-3-1b-hardwareandinternet">https://www.csnewbs.com/ocr2020-3-1b-hardwareandinternet</a>	

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