

# 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 2	Duration 1 hour 30
What to revise		How to revise it	
1	Languages and Translators	Page 74	
2	IDE	Page 75	
3	Data types	Page 50	
4	Programming fundamentals (arithmetic operators, Boolean operators, programming constructs)	Pages 51-56	
5	Sorting and Searching Algorithms	Pages 46 – 47  <a href="https://www.csnewbs.com/ocr2020-1-3-searchingsorting">https://www.csnewbs.com/ocr2020-1-3-searchingsorting</a>	
6	Boolean Logic	Pages 57 - 58	
7	SQL	Pages 65	
8	Testing (types of tests, test data, errors)	Pages 71 - 72	
9	Programming Techniques (Arrays, read/write text files, sub programs, random numbers, SQL)	Pages 60-68	
10	Algorithms (Computational thinking, flowcharts, trace tables)	Pages 42 - 44  <a href="https://www.csnewbs.com/ocr2020-1-2-designingalgorithms">https://www.csnewbs.com/ocr2020-1-2-designingalgorithms</a>	
11	Defensive design (Authentication, maintainability, validation)	Page 70	