

A-Level Transition work – Computing

@ Poynton High School we teach OCR EXAM BOARD

https://isaacomputerscience.org/pages/specification_page_ocr

Isaac Website (for Computer Science) <https://isaacomputerscience.org/home>

The topics below are the transition topics you should look at in anticipation for your A-level study in Computer Science.

Theory

GCSE to A level transition

[Programming concepts](#)

[Data representation](#)

[Boolean logic](#)

[Systems](#)

[Networking](#)

Sign up for the website here using the link below this will add you to the transition group where I can track your progress.

<https://isaacomputerscience.org/account?authToken=93CQPC>

Alternatively sign up and add the code **93CQPC**

Text based programming – We use Python in KS5 in Computer Science, however you can use other languages of your own choice, provided they meet the exam board criteria.

Python (online IDE) <https://repl.it/languages/python3>

Python (online IDE) <https://trinket.io/>

There is also a list of tutorials to try [here](#):

Web3schools

Useful Python guides – to help you develop your skills.

<https://www.w3schools.com/python/default.asp>

Already confident in python and fancy a challenge? – try some of the coding challenges

For GCSE <https://www.ocr.org.uk/Images/260930-coding-challenges-booklet.pdf>

For A-level <https://www.ocr.org.uk/Images/269433-code-challenges-for-a-level-21-40-.pdf>