

Year 9 to KS4 Transition Support Computer Science

Transition Project

In preparation for the start of your course in September, you need to get a good handle on some of the topics and techniques used by GCSE level Computer scientists:

Task 1 - Workbook

Download the "*Transition to GCSE Computer Science Workbook.pptx*" from the school website in the transition area and save this to you computer.

Work through the different activities that are on each slide. Most of them contain links to help you out but the whole idea is that you are independent and you will need to do some research yourself using the links below.

Look carefully at the time for each task. These are only a guide and some of you may complete this quicker or sooner, try your best to be as close to the guided time as possible. IF you get something done quickly, take a look again, have you done enough?

Task 2 - Programming

During your course you will conduct a programming project lasting up to 20 hours, so getting a head start on being able to program is a good idea!

Use the "*Learning to program in Python Text Book*" to get started, work through as much as you can before September. You will need to email Mr Holden for this when you are ready

Suggested Reading or Viewing:

[Craig n Dave OCR J277 Videos](#)

[GCSE Bitesize](#)

[Seneca](#) – Check Showbie for you login instructions.

[Teach-ICT](#)

[Repl.IT](#) – An online Python IDE for you to practice coding.

[Python](#) – Use this link to download the Python IDE