

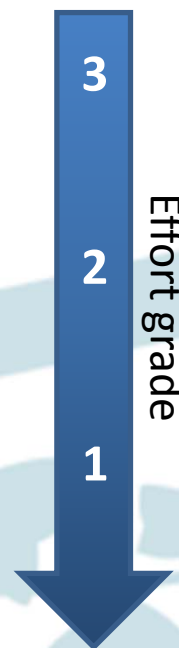


Independent Learning in A Level Computer Science



After each lesson, in addition to completing any set work, a pro-active, independent learner would...

- Ensure that SLR sheets are completed and uploaded to the VLE.
- Read the relevant textbook chapter and annotate lesson notes with additional, relevant content.
- Make a list of things not fully understood and discuss with a peer or a teacher *before* the next lesson.
- Try to summarise the content of the lesson in note or diagrammatic format to diagnose lack of understanding (the SLR sheet can be used to help with this).
- Try to commit factual information to memory immediately, rather than leaving it until revision.
- Match the content of the specification against lesson notes/content to ensure that all points are covered. The specification points are at the top of each topic on the VLE
- Keep programming!
- RAG rate their understanding using the PLCs on the VLE.
- Seek out additional sources of questions on areas of weakness or where mistakes were made in classwork, homework or a test. For important pieces of work, diagnose mistakes as active mistakes, slip-ups and blackouts.
- Watch the Craig n Dave video on the next topic before the next lesson.



Resources to help you study

Most key resources, such as the specification for your course, PLC, past papers, etc. can be found on the VLE. Some additional resources to help you are as follows:

Resource	Description
YouTube (www.youtube.com)	Find the Craig n Dave OCR Playlist in specification order, and watch to consolidate your understanding or look ahead.
PG Online OCR class textbook	Read through the chapter and attempt the in-text exercises (the yellow boxed exercises). Attempt, if not covered in class, the end of chapter sample exam questions. Review these with your teacher.
Mock Exam	Purple pen your mock exams. Create a list of topics you need to go over again, and then attempt the question again "blind" – put yourself under exam timings and try again.
SLR sheets	Review and re-upload based upon feedback.

Stretch yourself

Start thinking ahead to the coursework component of the course – look at the topics starting 3.1 on the VLE. Begin to complete some of the early planning tasks; e.g. 3.1 Analysis of the problem.