

A Level Computer Science



At Meden College

You are expected to complete independent work during any non-contact time or if there is any teacher absence.

Below are any tasks that should be completed as ongoing extended work and can be done if no work has been set by an absent teacher via MS Teams

After Each Lesson ...

- Update RAG map
- Revise core theory covered via SmartRevise using the topic filters. Ensure you do all three kinds of revision activity (Quiz, Terms and advance)
- Revisit learning via CraignDave flipped videos on YouTube (OCR A level versions)

Every Week ...

- Spend no less than 2 hours on the SmartRevise platform, in line with course expectations lesson
- Update RAG to reflect on the revision you have undertaken to keep track of topics that have had and still need revision.
- Spend no less than 2 hours on coding development. This is a self-guided process as you work your skill set up. Areas you must start looking at in detail include the use of classes in your programming and creating functional User Interfaces. Use sites like W3schools and Youtube to learn Python.

Every Term ...

- Look over the RAG and reflect on priorities for revision. Update ratings you have made on the RAG as necessary
- Collate information taken from the RAG with the report that SmartRevise can generate. Look for areas where revision has been neglected or certain activities in revision (like term recall for example) have not been completed fully. When a topic is covered you are aiming to make sure no grey coloured dials are visible on the SmartRevise report.

Throughout the Year ...

- Adopt a spiral revision approach to all topics. Do not neglect one because you think you know it. Keep retouching those areas, even if lightly to ensure they stay strong.
- Use CraignDave videos on missed theory and pick up support with your teacher where possible to ensure these concepts are understood.
- Know that you need to be progressively learning new coding techniques. Your coding ability should surpass your teacher so that you are able to tackle the Y13 project independently