Computer Science Department

Revision Guide for Parents

SCARBOROUGH UTC

Examination board details/ Exam dates and /or coursework deadline 2024:

OCR GCSE Computer Science: 100% Exam	OCR GCE Computer Science: 80% Exam; 20% Coursework
PAPER 1 Computer Systems; 15th May 2024; 1h 30 min	PAPER 1 Computer Systems; 10th June 2024; 2h 30 min
PAPER 2 Computational Thinking, Algorithms, & Programming; 21st May 2024; 1h 30 min	PAPER 2 Computer Systems; 18th June 2024; 2h 30 min
	NEA Programming Project; Submitted by 15th May 2024

In this subject the best way to revise is by:

Cornell Notes method is a great way to capture video content: How to link here

SLR1 Systems architecture

The fetch-execute cycle
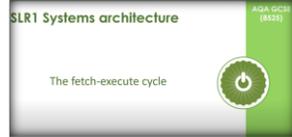
GCSE/ A Level Video resources to recap learning

Flash cards for revising key words
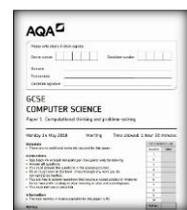
OCR Past papers

GCSE
A Level

Skills to revise well:

➢ **Remembering**: your child will need to be able to remember facts during examinations, there are lots of techniques that will help them to remember content such as **summaries of information**; **Key points** (flash cards); **Mnemonics** such as a rhyme or acronym to recall a process; **memory maps**/mind maps involves taking a familiar route or journey and imaging the things to remember in strange situations on that route.
➢ **Programming techniques:** practice, practice, practice! Little and often programming sessions is proven to be a more efficient way of learning the content for the algorithms and programming exam.

I can help my child by:

➢ Encouraging good attendance; regular school attendance will give your child the best possible outcomes.
➢ Encourage your child to attend intervention sessions if needed; intervention is incredibly beneficial to close progress or attainment gaps in a key area.
➢ Creating a revision timetable so your child can plan their time accordingly which will help them to keep track of dates and set tasks.
➢ Getting involved; your child may find it helpful to recite, repeat, and practice what they have learnt with you. This will help clarify whether they have grasped the concepts.

Useful web addresses and resources:

➢ OCR GCSE and A Level specifications
➢ GCSE OCR Computer Science Course Textbook to purchase.
➢ *GCSE OCR Computer Science Course Textbook online
➢ Seneca online platform for set tasks and home study
➢ Video resources that covers entire content of GCSE and A Level
➢ How do I revise Computer Science?
➢ Python Programming Guide for GCSE
➢ GCSE Computer Science OCR Exam Practice Workbook
➢ *Tackling A Level Projects in Computer Science
➢ *A Level OCR Computer Science Course Textbook
➢ *Udemy platform – Video Game Creation with Python for A Level Programming Projects

*Students have been provided with these resources