The Path to Computational Success at KS4 – Computer Science GCSE

Kemnal Technology College

Year 10

T01: Computational Thinking & Programming

Programming & Computational Thinking

T02: Data & Programming

T03: Computers & Programming

T04: Network & Programming

T06: Problem Solving

Computer Science

Computers & Programming

Data & Programming

Year 11

Network & Programming

Computational Thinking & Programming

Issues & Impact & Programming

Exam Preparation, Recap Topics

Online Programming Exam Preparation

Practice Exam Paper Preparation, Recap Topics

T06: Programming (problem Solving) Taught alongside all units of work.

Kemnal Technology College

Programming
https://snakify.org/en/ - learn to program in Python
https://www.python.org/ - Python software and help
https://microbit.org/ - microbit resources and software

BBC Bitesize
https://www.bbc.co.uk/bitesize/subjects/z34k7ty
Computer Science
https://www.bbc.co.uk/bitesize/subjects/zqmtsbk
Information Technology

Teach Computer Science
https://teachcomputerscience.com/ excellent explanations on Computer Science topics

Google Classroom – for class work set by your teachers, knowledge organisers, quizzes etc

Seneca – https://www.senecalearning.com/

Edexcel -
https://qualifications.pearson.com/en/qualifications/edexcel-gcses/computer-science-2016.html

Please check out the revision and work book from either Wise pay, Mrs Howard or Mr Lewington

"The person who says it cannot be done should not interrupt the person doing it!"

Retaining, **Recalling** and **Retrieving** knowledge learnt.

Encourage your son to **start early, start now** on their homework and revision.

Help them be **organised**. Create a workable homework timetable with them.

Let them **talk**. Talking with you about a topic or subject helps them visualise their knowledge.

Water and healthy food are vital for the brain to function properly. Make sure they are eating and drinking with you while they talk about their subject.

Exercise & fresh air. Go for a jog with them while they talk about their subject.