Brooke Weston

Computer Science – Year 10 Report Feedback Sheet

Please find below information on each of the topics outlined on your child's report for Computer Science. We have broken down each topic into the relevant objectives to help you support your child in improving on their 'insecure' or 'developing' topics. We have directed you to online resources & pages from the Computer Science revision guide on each of the topics to allow your child to improve further.

Topic 1 – CPU Architecture & performance	Resources
Purpose of the CPU	Revision Guide P2 Online J277 video resources (1.1)
Common CPU components and their function	Revision Guide P2 Online J277 video resources (1.1)
Fetch-Decode-Execute cycle	Revision Guide P3 Online J277 video resources (1.1)
Common characteristics of CPUs which affect their performance	Revision Guide P5 Online J277 video resources (1.1)

Topic 2 – Programming Fundamentals	Resources
Programming constructs	Revision Guide P54-56 Online J277 video resources (2.2)
Data types	Revision Guide P50 Online J277 video resources (2.2)
Functions and sub programs	Revision Guide P66 Online J277 video resources (2.2)

Topic 3 – Algorithms	Resources
Abstraction	Revision Guide P82 Online J277 video resources (2.1)
Decomposition	Revision Guide P82 Online J277 video resources (2.1)

Topic 4 – Memory & storage	Resources
Binary and hexadecimal numbers.	Revision Guide P13-16 Online J277 video resources (1.2)
Storage, characters, sound representation & compression.	Revision Guide P6, 18-21 Online J277 video resources (1.2)

Topic 5 - Networks	Resources
LANs and WANs	Revision Guide P42 Online J277 video resources (1.3)
Network hardware and performance	Revision Guide P42 Online J277 video resources (1.3)

Topic 6 – Embedded Systems	Resources
Embedded systems	Revision Guide P1 Online J277 video resources (1.1)