



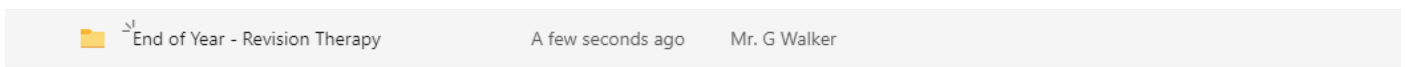
Year 9 Computer Science - Revision Therapy

Topic 1 – Systems Architecture

Topic	Revision Links
Embedded Systems	Embedded systems - Systems architecture - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize
RAM/ROM	Common CPU components - Systems architecture - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize
Von Neumann architecture	Von Neumann architecture - Systems architecture - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize

Topic 2 - Image Editing

Please use the PowerPoint's and YouTube Videos available on Teams to revise for this topic!



Topic 3 – Networking

Topic	Revision Therapy
Networks (General)	What is a network? - Introduction to networks - KS3 Computer Science Revision - BBC Bitesize
Networks (Hardware)	Local area network hardware - Wired and wireless networks - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize
Network Topologies - Star	Star networks - Networks - Edexcel - GCSE Computer Science Revision - Edexcel - BBC Bitesize

Topic 4 –

Topic	Revision Therapy
Basic Python	What is a program? - Introduction to programming - KS3 Computer Science Revision - BBC Bitesize
Variables – Python	Variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Naming variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Working with variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Input and output - Programming basics - KS3 Computer Science Revision - BBC Bitesize
Python Turtle	EDEXCEL GCSE (1CP2) The Turtle module - YouTube

Topic 5 – Data Representation

Topic	Revision Links
Conversions – Binary to Denary	Converting from binary to denary - Binary - KS3 Computer Science Revision - BBC Bitesize GWA Video - Converting Binary Numbers Binary to Denary - YouTube
Conversions – Denary to Binary	Converting from denary to binary - Binary - KS3 Computer Science Revision - BBC Bitesize GWA Video - Converting Binary Numbers - Denary to Bin - YouTube