

## Curriculum Sequencing Overview

Unit 1								
Week	1	2	3	4	5	6	7	8
Date wb	05/09/2022	12/09/2022	19/09/2022	26/09/2022	03/10/2022	10/10/2022	31/10/2022	07/11/2022
Key Dates				Systems architecture and Primary & Secondary Storage assessment <b>End of topic Assessment</b>				<b>KA 1</b> (Architecture of CPU & Data storage) <b>Thursday 29<sup>th</sup> September</b>
Big Ideas (key concepts)	Architecture of the CPU Basic programming with Python		Primary and secondary storage devices with Practical Programming with Python		Data storage with Practical programming in Python		Data compression and Practical programming with Python	
Lesson Topics Sequence	1. Introduction to course. Folder organisation. Intro to Python 2. Architecture of the CPU	3. Practical programming with Python 4. Architecture of the CPU 5. CPU performance 6. Embedded Systems	1. Practical programming with Python 2. Primary storage (Memory)	3. Practical programming with Python 4. Secondary storage 5. Secondary storage & Recap 6. Systems architecture and Storage assessment <b>End of topic Assessment</b>	1. Practical programming with Python 2. Data Units	3. Practical programming with Python 4. Data storage 5. Data storage - characters 6. Data Storage - Images	1. Practical programming with Python 2. Data storage - Sound	3. Practical programming with Python 4. Compression 5. Mocks (date to be confirmed. Based on knowledge learnt not past paper)



								6. Practical Programming with Python
<b>Key Assessments</b>				Systems architecture and Primary & Secondary Storage assessment End of topic Assessment				KA 1 (Architecture of CPU & Data storage)
<b>Home Learning</b>	Learn Key words set 1 from KO 1	Learn Key words set 2 from KO 1	Learn Key words set 3 from KO 1	Learn Key words set 4 from KO 1	Learn Key words set 5 from KO 1	Revise FROM KO 1 for KA1	Revise FROM KO 1 for KA1	Task from Craig and Dave Smart revise TBC