Northolt High School
Scheme of Learning

Committed to excellence

Year group: 7	Term: 1	Unit duration: 6 weeks	Number of lessons: 6	Unit title: **Hardware & Software**
Assessment outcome:			Fertile question?	

Key skills/concepts/knowledge that students should cover	Start RAG	End RAG	Literacy. Key vocabulary/subject terminology that students should cover
Explain the difference between software and hardware To describe the basics of how a computer works To accurately explain the flow of information into and out of a computer and what hardware would support it To identify different pieces of hardware and explain how they interact Explain the functions of an operating system and compare different types Explain the links between hardware quality and system performance.			Processor Hardware Software Performance Motherboard RAM Hard drive GPU CPU Operating System
Stretch. Key skills/concepts/knowledge that students should cover Computer parts and how they fit together Processing and instructions Storage media types Justify choosing one piece of hardware over another and how they might affect system performance			Suggested materials teachers could/should use TeachICT Computer Science Powerpoints/Worksheets Key home learning tasks students should complete to be set in lessons