Curriculum Overview for Computer Science
Year 7

Half Term 3 **Substantive Knowledge:** • Understand how computers store information • Understand different places information is stored • Understand what a bit is • Understand what a byte is • Understand what is meant by kilobyte, Megabyte, Gigabyte, Terabyte, and Petabyte • Understand how to convert from binary to denary • Understand how to convert from denary to binary **Disciplinary Knowledge:** • Be able to convert between the different binary types • Be able to convert from 8-bit binary to denary • Be able to convert from denary to 8-bit binary	Skim and Scan of source information Decoding terms Etymology of key terms
	Binary Bit Byte CD-ROM Denary Gigabyte Hard Disk KiloByte Megabyte Memory Petabyte Terabyte
	Formative assessment Game based assessment Knowledge checks **Summative assessment** End of unit assessment
	Practice questions Revision tasks