Computer Science KS3 Assessment Framework

Hardware & Binary	Beginning	Working Towards	Expected	Exceeding	Excelling
	Grade 1	Grade 2-3	Grade 4-5	Grade 6-7	Grade 8-9
	I can:	I can:	I can:	I can:	I can:
	Understand that binary is used in computers	create simple binary conversions. From binary to denary and back again	Converts a range of 8 bit numbers from binary into denary with a high degree of accuracy	Calculate how many colours are used from a certain bit deth in a bitmap image.	Discuss how operating systems control the hardware in a computer system and provide an interface for the user
	Name some of the components of a computer	Name a range of the components of a computer system and	Name the majority of the components in a computer sytem and accurately describe some of their purpose	Describe why Unicode has replaced Ascii as the standard for text conversion	Describe how computers can be made from a range of components and the purpose of the system determines the inputs and outputs used
			Convert ascii text into binary and back accurately		
			Describe how computers use binary to create graphics		