







Year 8**Topic: Data Representation**

Confidence key:

	I do not know at all		I need more studying to fully understand		I know and understand very well
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	Confidence		
Must know			
I understand what is meant by a bitmap graphic			
I can explain how pixels effect the quality of an image			
I can explain how binary numbers represent an image			
I know what 3 colours are used in pixels to create all other colours			
I can identify features of different file formats			
I understand how different files are saved in different formats			
I know what is meant by a vector graphic			
I can give an example of when a vector graphic should be used			
I know the difference between a bitmap and a vector graphic			
I understand why anchor points and paths are required when creating vector graphics			
I understand the process of recording sound			
I can explain how analogue sounds are stored digitally			
I know what sampling is and can explain how sample rate effects sound quality			
I understand how there are different forms of compression			
I understand why compression of a file can affect the quality			

Assessment %