

Name:

## R082: Digital Storage

A		Storing Digital Graphics vocab	
Lossy	Compression of a file which loses some original data		
Lossless	Compression of a file which keeps all the original data		
Pixel	A single point of colour which makes up a bitmap image		
Resolution	The number of pixels in a certain area, often measured in dpi		
DPI	Dots per inch. A measure of resolution. The number of pixels in an inch.		
Compression	Reduction of a file size either by removing information (lossy) or without removing information (lossless)		
Bitmap	A method of storing an image. Each pixel's value and position is recorded. Looks pixelated when enlarged		
Raster	Same as bitmap		
Vector	A method of storing an image. Details of where lines start and end, fills and colours are stored. Looks smooth when enlarged		

B		Working at a Computer	
Chair height	Eyes level with the display		
Seating position	Straight back, thighs parallel to the ground		
Distance from eyes to screen	About 50-60cm		
Breaks	Take a break for 1-2 mins every half hour to stretch		
C		Version Control	
Version Numbering	Graphics_mindmap_Ver1 Graphics_mindmap_Ver2 Graphics_mindmap_Ver3		
Date code version control	Mitzy_script_22.1.20 Mitzy_script_29.1.20 Mitzy_script_3.2.20		

D		File types					
PDF	document	lossless	cannot be edited	MPEG	video	lossy	high quality video
DOCX	document	lossless	Word file	MP4	video	lossy	good for streaming online
TXT	document	lossless	text only, no formatting	MOV	video	lossy	Quicktime Media Player format
PNG	image	lossless	good compression for graphics	MP3	audio	lossy	high compression rate
JPEG	image	lossy	good compression for images	WAV	audio	lossless	uncompressed
GIF	image	lossy	normally used for animations	SWF	animation	lossy	good for streaming online
BMP	image	lossless	uncompressed	GIF	animation	lossy	limited colour support
SVG	image	lossless	cross application vector format	FLV	animation	lossy	Flash animation
TIFF	image	both	high resolution raster images	MOV	animation	lossy	video formats can also be used