

Topic: 9.3 Photoshop

Key vocabulary:	Core knowledge questions	Powerful knowledge crucial to commit to long term memory	Links to previous and future topics
Brightness Compressed Contrast Copyright Editing File type Filter Image Jpeg Pixel Png Transparent	<ol style="list-style-type: none"> Why are digital graphics used? They are used to entertain, to inform, to advertise to promote and to educate. Where are digital graphics used? They are used in a number of media products such as magazines, CD/DVD covers, adverts, web images, multimedia products and games. What types of digital graphic are there? Bitmaps which use pixels to represent an image and Vector which uses shapes and mathematics to produce an image. Which file formats are appropriate for Digital Graphics? For print based (300 dpi) - .tiff, .pdf as they can hold large files with high resolutions and are uncompressed. For web based (72dpi) .jpg, .png, .bmp, .gif as these can be compressed to make the file size smaller and therefore load more quickly on the web. What are the properties of digital graphics that need to be considered when creating images? The pixel dimensions (height and width), the dpi resolution (how many pixels are in the image), the quality and compression settings. What Legislation affects use of assets? Copyright Designs and Patents Act 1998 and Creative Commons How can you use assets legally? By asking for permission, buying the right/ license to use an image or by referencing the original author and where it came from. What tools are used to create images? A range of tools from Quick Selection, Clipping Mask, Text Effects, Colour Splash 	<ul style="list-style-type: none"> Graphics are used to entertain, to inform, to advertise to promote and to educate. Bitmaps use pixels to represent an image and Vector images use shapes and mathematics to produce an image For print based (300 dpi) - .tiff, .pdf as they can hold large files with high resolutions and are uncompressed. For web based (72dpi) .jpg, .png, .bmp, .gif as these can be compressed to make the file size smaller and therefore load more quickly on the web 	<ul style="list-style-type: none"> Links to skills developed in year 7 and 8 Links to R094 – Visual Identity

We will develop these skills:

Impressive reading	Impressive speaking	Impressive writing	Resilience	Numeracy via:	Digital Literacy via:	Employability via:
Read through a client brief and select key information which is necessary to be included in digital graphic designs.	Articulate what needs to be done and what are the most appropriate tools that could be used	Explain what has been done and how design has been achieved.	Revisiting images and adjusting values to achieve the desired image. As the tools interact with one another it may be necessary to go back to what you have already done and reassess.	Calculating image resolution, using colour values to edit and refine an image. Calculating file size of a digital graphic and ensuring dimensions are appropriate for desired medium.	Developing skills in photo editing. Essential base level skills for Creative iMedia unit – Visual Identity	Understanding the use of images in areas such as advertising and how a suitably edited image can add value to a brand.