

## Topic: 8.4 Photoshop – *editing* digital artefacts

Key vocabulary:	Core knowledge questions	Powerful knowledge crucial to commit to long term memory	Links to previous and future topics
Brightness Compressed Contrast Copyright Creative Commons Editing File type Filter Image Jpeg Pixel Png Transparent	<ol style="list-style-type: none"> <li>How are digital photographs created? We would usually think of a digital camera such as a DSLR or the camera built into a smartphone. The camera has a sensor that collects light. The more individual cells in the sensor the better-quality image (measured in megapixels).</li> <li>Can we trust what we see? Photographs used to be reliable evidence in court ‘The camera never lies’. Editing software such as Photoshop means this is no longer the case.</li> <li>What would be considered ‘basic’ editing techniques? Adjusting brightness and contrast, using Auto features such as auto levels / auto colour, move tool, eraser, adding text or basic shapes, applying filters.</li> <li>What would be considered ‘advanced’ editing techniques? Manually adjusting levels, curves, using layers, a range of selection tools, feathering, cloning, healing, gradient effects, stroke and fill, special text effects, modifying shapes (shape builder tool) burn and dodge.</li> <li></li> </ol>	<ul style="list-style-type: none"> <li>Picture element – pixel - megapixel</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>

### We will develop these skills:

Impressive reading	Impressive speaking	Impressive writing	Resilience	Numeracy via:	Digital Literacy via:	Employability via:
		<p>Extended writing – the ethics of manipulating photographic images.</p> <p>Models on magazine covers Food images which are actually other substances</p>	<p>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.</p>	<p>Calculating image resolution <a href="https://www.aqua-calc.com/calculate/image-resolution">https://www.aqua-calc.com/calculate/image-resolution</a></p>	<p>Developing skills in photo editing. Essential base level skills for Creative iMedia unit R082</p>	<p>Understanding the use of images in areas such as advertising and how a suitably edited image can add value to a brand.</p>

### SEND

In this unit certain aspects of technology are used to assist students. Some of the teaching material is in the form of video, which students can watch back at their own pace as appropriate. Additionally, students are able to access a web page to help them with the calculations related to image resolution.