| Knowledge Organiser for KS3 ICT – Year 8 – Unit 2 | | | | | |
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| **Unit 1:** | **Graphics** | | | | |

| | **Key Skills** | | **Software** | **Key Vocabulary** | |
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| **YEAR 8** | • Explain that bitmap images are made up of individual pixels.<br>• Explain that in the case of a vector graphic, properties such as position, fill, stroke colour and dimensions are stored.<br>• Create and manipulate a simple group of objects to form a logo design.<br>• Change the saturation, brightness and contrast in an image.<br>• Add text to a graphic.<br>• Use a graphics package to create an artwork; for example, a movie poster. | | | Vector<br>Bitmap<br>Properties<br>Scalable<br>Analogous<br>Complementary<br>Monochromatic<br>Colour Schemes<br>Pixel | Bit<br>Byte<br>Dpi<br>Gradient fill effects<br>Saturation<br>Brightness<br>Contrast<br>Resolution<br>Layer<br>White space |
| | **Useful Weblinks** | | | **Homework** | |
| | http://color.adobe.com<br>https://www.pixelmator.com/mac/tutorials/ | | | • Bitmap and Vector graphic Quiz<br>• Visualisation diagram for poster | |

| ASSESSMENT | Extending | Secure + | Secure | Secure - | Developing |
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| Visualisation diagram for film poster.<br><br>Digital poster for the film Saturn Explorer. | Use the advanced facilities of a graphics package, for example to manipulate, cut out, and alter images<br>Create a series of two or more posters in the same style, using a combination of layered images and fonts effectively to convey a message | Use layer effects to improve my poster<br>Accurately use cut-out tools to remove part of an image<br>Use white space effectively<br>Gather feedback and use this to make improvements to final poster | Use layers in the creation of the poster<br>Use cut-out tools to remove part of an image<br>Use white space | Change the saturation, brightness and/or contrast of an image to improve the poster<br>Select relevant images with a suitable resolution<br>Select fonts and styles with care to get a message across<br>Give useful feedback /assistance to another pupil to help them improve their poster | Change the saturation, brightness and/or contrast of an image<br>Use multiple objects in the logo<br>Select images for the poster<br>Select fonts with care to get a message across<br>Give feedback/assistance to another pupil to help them improve their poster |