

Curriculum Overview-Photography

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10/11	<p>Basic Principles of photography</p> <p>Learn the controls of the Nikon D200 DSLR</p> <p>Annotate the controls of the camera</p> <p>Set Up camera shoot showing the affects of shutter speed, Aperture, Depth of Field, ISO ratings</p> <p>The Exposure Triangle. To fully understand how ISO, Shutter Speed and Aperture affect each other.</p> <p>Take images of things moving to show the effect of different shutter speeds.</p> <p>Trip to Goals in Bradford to photograph a football game and make camera adjustments to take in focus and correct exposure images.</p> <p><u>Curriculum Links:</u></p> <p>English Accessing new words used in photography. For example: Composition, Media, Resolution, Viewpoint, Pixels, Exposure, Equipment.</p> <p>Maths Rule of thirds, speed settings 1/250, aperture settings f5.6,</p> <p>Art Colours, tonal range, Saturation.</p> <p>Science How battery works, SD card workings</p>	<p>Revisit last terms work. Assess the progress with knowledge test.</p> <p>Learners to bring an object that they wish to photograph and take images using a Macro Lens.</p> <p>Using different ISO settings.</p> <p>The Health & Safety aspects of photography.</p> <p>Go on field trip and utilise the previous learned knowledge in producing some photographic images.</p> <p>How to shoot multiple images (9 frames / second)</p> <p>Evaluate the images taken from the field trip.</p> <p>The use of tripods and how to use them.</p> <p>Taking pictures using the self timer control.</p> <p><u>Curriculum Links:</u></p> <p>English. Grain, noise.</p> <p>Maths: Focal length, fractions.</p> <p>Geography: Trees, lakes, forests, birds and wildlife</p> <p>Art: Abstract, grain. Depth of field.</p>	<p>Revisit last terms work. Assess the progress with knowledge test.</p> <p>The use of different lenses to obtain different images.</p> <p>Using telephoto, wide angle and macro lenses.</p> <p>White balance controls</p> <p>The different focusing controls on the Nikon D200.</p> <p>Histograms and how to interpret them.</p> <p>Recording camera settings on all pictures.</p> <p>Field Trip to a waterfall to take images of slow and fast running water.</p> <p>The use of filters.</p> <p><u>Curriculum Links:</u></p> <p>English: Hazards, posture, monitor, hardware, histogram. Close up.</p> <p>Geography: Waterfalls, rivers, streams.</p> <p>Maths: Rule of thirds, fractions, ratios, focal length, numerical data, frequency.</p> <p>Science: Science of light and lenses. Depth of field.</p>	<p>Revisit last terms work. Assess the progress with knowledge test.</p> <p>Introduction to Image manipulation software using Adobe Lightroom Classic.</p> <p>Take photographs of different objects and views and print images of before and after software manipulation.</p> <p>How cropping can enhance and improve an image.</p> <p>Be familiar with all the tools that on Lightroom that can enhance the images.</p> <p>RAW and Jpegs file sizes.</p> <p><u>Curriculum Links:</u></p> <p>English: Cropping, manipulation, Perspective, saturation, resolution, quality, hue, editing, focal point.</p> <p>Art: Colours</p> <p>Maths: 4:3 ratios.</p> <p>Curriculum Links. English: Saturation, Hue,</p>	<p>Revisit last terms work. Assess the progress with knowledge test.</p> <p>Understanding the ethics and rights of photography.</p> <p>Copyright protection. Rights and permissions.</p> <p>The type of jobs that are available in the photographic industry.</p> <p>Portraits, weddings, advertisements, food, agents, fine art,</p> <p>The market for selling images.</p> <p>Visit to the Yorkshire Wildlife park to take pictures of animals and birds.</p> <p><u>Curriculum Links:</u></p> <p>English: Legislation, freelance, seasonal, editorial, rights, ethics, conservation, exhibition.</p> <p>Geography: Bridge, enclosures, greenhouse.</p>	<p>Revisit last terms work. Assess the progress with knowledge test.</p> <p>Submit a final portfolio of images that have a starting point and then enhanced through Adobe Lightroom using Cropping, rule of thirds and exposure compensations.</p> <p>These images to be submitted for examination.</p> <p>Ensure all camera settings are shown.</p>
<p>Business Command Words Command words – Advise or Recommend, Analyse, Calculate, Define, describe, Evaluate, Explain, Give, Identify, List or State. https://filestore.aqa.org.uk/resources/business/specifications/AQA-8132-SP-2017.PDF</p>						

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