Plymstock Camera Club – www.plymstockcameraclub.co.uk

PREPARING AN IMAGE FOR DIGITAL PROJECTION

These steps assume you have already edited and prepared your image to look as good as possible including cropping and sharpening. They pertain to Adobe Photoshop and Adobe Photoshop Elements but other editors may also achieve the same things but are outside of this advice.

1. **Set the image colour space to sRGB for projection or computer usage (RGB for printing)**

   a. Choose for Photoshop Edit > Assign Profile and select sRGB. For Elements Edit > Color Settings > Always Optimise Color Settings for Computer Screens
   b. Confirm when the sRGB profile has been assigned that the image still looks as good as before. If not some more editing ….

2. **Re-sampling / Resizing for a digital projected image (DPI)**

   a. Choose Image > Image Size (Photoshop) or Image > Resize > Image Size (Elements)
   b. Select Scale Styles, Constrain Proportions and Re-sample image with Bi-cubic automatic (Photoshop) or Bicubic Sharper as the interpolation method.
   c. **To maintain the current aspect ratio**, keep Constrain Proportions selected. This option automatically updates the width as you change the height, and vice versa.
   d. In Pixel Dimensions, enter values for Width and / or Height. Remember for projected images in club competitions, the maximum width is 1920 pixels and the maximum height is 1080 pixels (16 x 9 ratio)
   e. Important - if either dimension exceeds the maximum (see 2d) then adjust until one dimension meets the maximum and the other is less than or exactly equal to the maximum, then click OK.
   f. Finally apply additional sharpening if needed (see 3/4) and then apply a border if desired (see 5).

3. **Adding a Border**

   a. To place border around the image double click layer, select stroke, change position to inside, pixels to 2, 3 or 4. Change border colour as required. Note that in the club when images are projected, they are projected on a black background, therefore a white or other light colour border will separate your image from the background and contain the image when viewed.
   b. For Elements version 9 and above, select edit > stroke then as per above.

4. **Naming your Image**

   a. To name your file correctly for club competitions go to File > Save As > then type in your File Name and select the format JPEG > OK. In the next box select the maximum quality, large file > OK
   b. Note: The name of your image file for club competitions should be the title of your image e.g. for "Evening Sunset" – the file should be named Evening Sunset   i.e. with Leading Capital Letters, separate words, and no numbers or author names
   c. It should not be 1. Evening sunset.jpg, or Evening Sunset – J Bloggs.jpg, or evening sunset (1), or eveningsunset, or any other combination you can think of.
   d. The name of your file will be the projected name, so it should be titled correctly.
   e. A good title can both enhance your image and add to the viewers understanding and enjoyment of it.

5. **Emailing your Competition Entry Files to the DPI Co-ordinator**

   a. Email your files to DPIentry@gmail.com