

Activity 04 – Sampling Up Images

Data Files

04.man_and_boy1x1.jpg

04.man_and_boy5x7.jpg

Scenario

To gain more experience modifying image size and resolution, you will experiment with a few images.

- 1) Open the files **04.man_and_boy1x1.jpg** and **04.man_and_boy5x7.jpg** in Photoshop and zoom to around 600% to see the actual pixels.
- 2) Display the **Image Size** dialog box for each file separately and record the pixel dimensions, document width and height, and resolution. Note that both files have a resolution of 300, but their document width and height differ.
- 3) In the **04.man_and_boy1x1.jpg** file, with **Resample** checked, change the document width to **7** inches. The height will automatically change to just less than 5 inches.
- 4) Record the pixel dimensions and resolution.
- 5) Display the resized file in actual pixels.
- 6) Arrange both files vertically to compare them for pixel quality and clarity. Although both images are relatively the same size and resolution, the image that was resized has lost pixel clarity because the same number of original pixels had to stretch to accommodate the larger document dimensions.
- 7) Close both files without saving changes.