Unit 02: Interpreting and applying layers, masks & channels

Content Area: **Technology**
Course(s):
Time Period: **September**
Length: **10 Blocks**
Status: **Published**

Transfer Skills

Students will continue to explore and apply skills using the Photoshop application. Layers, masks and channels will be a focus.

Enduring Understandings

Layers provide the graphic artist with creative avenues in design.

Digital cameras follow the same form factor as analoge cameras.

Essential Questions

What is file and folder structure?

How is digital photography different from analog photography?

What are legal and ethical issues of digital media?

How do we analyze graphic design?

How can observation and critique enhance your knowledge of what is around you?

Content

Vocabulary:

Sensitivity (ISO), resolution, luminance, electronic sensor, color aliasing, focal length, aperture, shutter speed, dynamic range, noise, blooming, layers, masks, channels, gradient, opacity, RGB, CMYK, flattening, contrast CMYK, RGB, cursor, crop, distort, dithering, dodge, dpi, dynamic range, exposure.

Skills

Demonstrate the program abilities of Photoshop by exploring

image resolution and file size, cropping, tonal range, auto color correction, sponge and dodge tools, clone stamp tool, spot and healing brush, unsharp mask filter, quick mask, channels, and utilize guides in the completion of assignments.

Create Photoshop files.

Explore Adobe Photoshop.

Develop creative expression through the creation of custom images in Photoshop projects.

Perform best practices when electronically saving work.

Resources

Computers, Internet access, on-line tutorials

Adobe InDesign, Adobe Photshop CC, Adobe Illustrator CC, Adobe DreamWeaver CC