

# Layer and Filter Adjustments in a Photo Editor

By Lori Moore

## Concept / Topic:

Students will learn to recognize and apply various layer and filter adjustments in a photo editor such as Adobe Photoshop.

## Standards Addressed:

### *Advanced Web Design Curriculum:*

#### **DIGITAL MEDIA ON THE WEB**

- **BCS-AWD-6. Students will demonstrate the effective use of multimedia.**
  - a) Evaluate image file formats for use in web development.
  - b) Create and edit images using image-editing software.

#### *Academic Standards:*

- a) ELA12W2. The student demonstrates competence in a variety of genres.
- b) ELA12RC3. The student acquires new vocabulary in each content area and uses it correctly.

### *Fundamentals of Web Design Curriculum:*

#### **GRAPHICAL ELEMENTS & LAYOUTS**

- **BCS-FWD-5. Students will identify and demonstrate appropriate use of graphical elements for web pages.**
  - a) Add images to web pages.
  - b) Identify and use appropriate color principles.
  - c) Identify cultural connotations to certain colors.

## General Goal(s):

Students will become proficient in photo editing and learn to select the appropriate tools for photo modifications. Students will learn the limitations of Photoshop and will be more proficient when taking initial photographs.

## Required Materials:

Camera, Adobe Photoshop (or other photo editing software), class flash drive

## Layer and Filter Adjustments in a Photo Editor (Cont...)

### Step-By-Step Procedures:

1. Students will take a pretest on knowledge of Layer and Filter Adjustments and minimal basic photo knowledge.
2. Students will be shown a PowerPoint presentation showing where to access the layer and filter adjustments and the format for placing an original and modified slide onto the existing PowerPoint located on the “class flash drive”.
3. Students will receive an instruction sheet that will guide them through the process of placing an original photograph and a modified photograph within a numbered slide on the PowerPoint located on the class flash drive. Students will only make between 2 and 4 adjustments.
4. Once all students have inserted their slide into the PowerPoint, each student will be given an answer sheet.
5. As the PowerPoint is shown to the class, each student will take an educated guess as to what adjustments were made to the altered photographs and place their answers on the answer sheet.
6. Finally, each numbered slide will be shown again with the answers to what modifications were made to each photograph. Students can compare what they answered correctly and make a visual connection for the modifications they didn't recognize.

### Plan for Independent Practice and Extension:

Students will enter a Photographic Society of Chattanooga Photo Contest. Each student is responsible for entering at least 3 out of 6 photos. Each student receives a booklet describing rules and category assignments. Each student will place digital images on the “class flash drive” to be developed into 8x10 prints. Winning students will be invited to a Photographic Society Meeting to receive an award and will have their winning photos automatically submitted to the national contest level.

### Assessment Based On Objectives:

1. Students will take a posttest
2. Teacher observation as students work on the various adjustments

### Adaptations (For Students with Learning Disabilities):

1. One-on-one training with the harder Photoshop elements
2. Give suggestions for photo adjustments with directions