Unit 3

Instructional Days: 6-7  
Topic Description: Explore image editing for the web using Photoshop or an image editor of choice. Objectives:  
The student will be able to:

• Identify the standard image resolution for the web (72 dpi).

• Resize and crop images for the web.

• Identify and differentiate between the various image formats used in web sites: jpg, gif, png.

• Create an html page that includes images.   
Outline of the Lesson:

• Discussion of various web image formats (5 minutes)

• Demo of resizing and cropping images (15 minutes)

• Selecting and cropping a images (35 minutes)

• Html pages that include images (55 minutes)   
Student Activities:

• Participate in discussion and follow along with demo.

• Select and crop a few images.

• Create an html page that includes images.   
Teaching/Learning Strategies:

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Discussion of various web image formats  
o Explain that image properties are relevant to web use.  
o It is important to check the size when preparing an image for use on the web. Resolution can be

set under image size.  
o Remind students of the website evaluation they did in unit 1 and features that made a particular

site user-friendly. Selecting and cropping an image

o Demonstrate how to crop and resize images in Photoshop or image editor of choice. Part of this will be review from Unit 1.

o Have students choose a few images that they will add to their web page and crop them.

o Explain that students should save their images for use in this project and later projects. Html pages that include images

o Explain the following html tag.

Tag

Description

End Tag

o Point out that the correct syntax for defining an image is <img src=”xxxx.jpg”/>  
o xxxx is the name of the image file. The image should be in the same folder as the html file.  
o Have students insert their image into their html page.  
o They can resize the photo on the screen with: <img src=”xxxx.jpg”width=”some #”height=”some

#”/>  
o They can add a title by: <img src=”xxxx.jpg”width=”some #”height=”some #” title=”This is my

photo...”/>  
o Give students time to experiment with placement, sizes, headings, and additional images. o For students who finish early, you can have them view the filters and effects section of

http://www.georgebenainous.com/web and try modifying their images.

http://www.georgebenainous.com/web (photoshop—filters/effects) http://morph.cs.st-andrews.ac.uk/  
https://www.photoshop.com/express

<img

Defines an image

/>

Resources: