**Unit 3**: **Web Page Design – Final Project**

Instructional Days: 22 - 25

**Overview**:

Students will create web pages on one of their favorite novels. They will develop and enhance their website by adding CSS style and the different concepts that were covered in the unit.

**Objectives**:  The students will be able to:

• Incorporate CSS style and all objectives of the unit into the final project.

**Materials and Prep:**

* HTML editor
* PowerPoint Slideshow: [Webpage Design and CSS (Cascading Style Sheets)](Unit%205%20ppt.%20Final%20Project.pptx)

**Student Documents:**

* [W3Schools HTML Tags Reference Sheet](http://www.w3schools.com/tags/default.asp)
* [W3Schools HTML Tutorials](http://www.w3schools.com/html/)
* [KhanAcademy HTML Tutorials](https://www.khanacademy.org/computing/computer-programming/html-css)
* [Final Project Grading Rubric](../Downloads/Unit 3 Day 22 - Final Project Rubric.docx)

**Lesson Summary**:

* Review the use of CSS style using the slideshow
* Explanation of final project (15 minutes)

• Final Project (approx. 135 minutes)

* Gallery walk on final projects (15 minutes). Encourage students to ask each other questions as they view the websites. Have students vote on their favorite.

**Student Activities**:

• Complete final project

• Participate in gallery walk to view and vote on projects

**Final Project**

Your task is to create a website that includes:

* images and text with references to sources.
* Pages with headers, navigation and content
* An external CSS file to define layout and styling.

Chose one of your favorite novels and create three pages that includes:

* a two-three paragraph summary of the novel. The page should include a title, and an image.
* A page about the author—two paragraphs or more. The page should include a title and a picture of the author.
* A page that list and describe the main characters of the novel. The page should include a synopsis (1-2 paragraphs), and pictures of the main characters.

**CS Content:**

Students should be introduced to HTML and CSS. They should understand that the content of the web page comes from the HTML source and (for the most part) the appearance or style of the web page comes primarily from the CSS source. The students should also understand that a web page is a single page whereas a website is a collection of pages linked together.

**Assessment:**

* By the end of class each student should have a webpage that utilizes the tags covered in class.
* Gallery walk to view and vote on favorite projects; using grading rubric.