

# IN-CLASS STUDENT ACTIVITY 3.1: UNDERSTAND THE CORE CSS CONCEPTS

## **Lesson Objective 3.1:**

Understand the core CSS concepts.

## **Resources, software, and additional files needed for this lesson:**

1. None.

## **Guiding Questions:**

1. Why is it important to separate style from content?
2. How does CSS manage positioning elements on a page?
3. How does CSS apply presentation to content?

## **Student Activity:**

### **Directions to the Student:**

Read the following scenario and answer the questions. Verify your answers with the instructor.

### **Scenario:**

The local school system just finished a feasibility study and is planning to combine the two existing high schools into one new high school. The new school name, school colors, and school mascot will be selected by the students.

Nevon Sokec, a self-employed web developer, was contacted by the school to provide a cost estimate for updating the style of the school website. Nevon knows that the work involved in redesigning the website should not be difficult or time consuming if the original webmaster used external Cascading Style Sheets (CSS). Nevon has a meeting next week to get more information so he can provide an accurate estimate.

### **Content:**

1. Why is it important to find out if the current site was developed using external Cascading Style Sheets?
2. What other questions should Nevon ask at the meeting?
3. If the current website does not separate content from style, what basic CSS style elements should Nevon start with when redesigning the site?
4. Create a web page that provides a book review of a book you have read recently. Do not add any inline styles to the page. Include at least a header, section, and footer tag in the HTML.
5. Attach an external CSS file that provides a background color for the page; add header, section, and footer selectors that change the font to a sans-serif font and an appropriate color given the new background.