

## IN-CLASS STUDENT ACTIVITY 3.3: MANAGE THE FLOW OF TEXT CONTENT BY USING CSS

### Lesson Objective 3.3:

Manage the flow of text content by using CSS.

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

1. Microsoft® Expression® Web 4 (preferred) Microsoft Visual Studio®, or Notepad. If available, use a different browser, such as Firefox or Safari, that supports most of the new CSS3 properties. (These properties are scheduled to be included in Microsoft Internet® Explorer 10.)

### Guiding questions:

1. How can a website with Cascading Style Sheets 3 (CSS3) be used to display text for an online magazine or newspaper?
2. Without using the new region or multi-column properties, how can a developer get continuous text to display in multiple columns?
3. What new CSS3 properties can help when the words are too long to fit in the content container?

### Student activity:

#### Directions to the student:

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

#### Scenario:

Diane Forsyth and Ann Wallace, who are seniors in high school, have just finished learning about HTML5. Part of their final project was to create a lesson on some of the new and exciting HTML5 tags.

Both Diane and Ann are on the school newspaper staff. The paper includes articles from the journalism class and photos from the digital photography club. The paper is created only four times a year due to the high cost of printing copies for every student.

After finishing their web development class, Diane and Ann proposed to the newspaper editor that the school paper become an online newspaper. The new format would allow it be updated more frequently and made available to students, parents, and the community.

#### Content:

1. Create a master page that includes the layout for the newspaper content with regions for the articles and images.
2. Use events happening at your own school to create the HTML content page.
3. Use the new CSS3 properties to set up the newspaper online. Use region selectors or columns to organize the data on the page.
4. Test and make changes as necessary until the newspaper is ready to go live.