Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

**U1.L14 - My First Website - Portfolio Update**

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| Teacher(s) | Edwin Jaquez | Course | | Web Development | | Unit Title | [Unit 1- Career Exploration, Employability / Intro to Web Design](https://drive.google.com/open?id=1yGNRU0_k27j4bWIY5qFGA1uEiUT3ASwg8pCt3e6PChY) |
| Lesson # | 1 | Total Time | | 80 minutes | | Dates | **B Days** |
| Objectives: | | | | | | | |
| * **Feedback Implementation** * **Portfolio Work Time & Reflection** * **CSS Box Model** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| **Students submit their website links, via google classroom, for review.** | | | | | Fully functional webpage, that incorporates all elements covered in this unit. | | |

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| Lesson Methods | |
| Activating Strategy/Hook | Time: 10 Mins |
| **Review:**  **Via Google Classroom:**   * **Student reflection**: Up until this point, what are some successes you’ve had while working on your portfolio website? What are some challenges, and how have you overcome them? | |
| Lesson Lecture | Time: 20 Mins |
| **Introduction to the Box Model**  **Overview:** *Most HTML elements are containers. Consider some of the HTML elements we've used so far: body, p, h1, h2, div, ul, ol, li, table, th, td. Each of these is a container, or box. Each box has three layers that surround its content. The layers are, in order from inside to outside:*   * *Padding* * *Border* * *Margin*  **More on the Box Model**  * **The following illustration shows the various layers in the box model:**   **Illustration of the box model, showing (from inside to out) content, padding, border, and margin**   * **The size of each of the layers in the box model can be specified using the usual CSS units of measure (em, %, and px).**   **[LIVE DEMO]**  **For example, consider the following <p>, which is wrapped inside a <div>:**  **<div>**  **<p>This is a paragraph. It is a very short paragraph.</p>**  **</div>**  **We can apply the following CSS to the paragraph tag in order to control the size of the padding, border, and margin of the paragraph:**  **div {**  **background-color: red;**  **padding: 0;**  **border: 1px solid black;**  **margin: 0;**  **}**  **p {**  **background-color: white;**  **padding: 1em;**  **border-width: 10px;**  **border-style: solid;**  **border-color: blue;**  **margin: 10px !important;**  **}**  **Here's what it looks like:**    **Here are a few tips:**   * **You can specify one value for padding, border, or margin (for example, padding:5px), and that value will apply to all sides of the box.** * **Alternatively, you specify a unique value for each side, such as padding-left, border-right, and margin-right.** * **For padding and margin, you can use shorthand by specifying each of the four sides in a single style declaration, like this: padding: 1em 1.5em 5% 10px; The four values are for the top, right, bottom, and left (clockwise around the box, starting at the top)** * **Borders can also be specified using shorthand, like this: border: 1px solid black; These three values represent the border-width, border-style, and border-color.** * **The border-style property can have any of the following values: dottern, dashed, solid, double, groove, ridge, inset and outset.** | |
| Work Period | Time: 45 mins |
| **Students will use the remaining class time to continue working on their website, by adding images, and styling them using one of the elements discussed in the lesson via CSS instructions.**   * *Websites should contain 3 or more images, and can be styled any which way - should not be default size or styling information. (Previous Lesson)* * *Websites must have elements spaced appropriately based on the box model*   + *Images should not be on the same line and/or stacked by their default settings.* * *Make any necessary updates, modifications or improvements to the style and content of their site.* | |
| Closing/Exit Ticket | Time: 5 mins |
| **Students submit their website links, via google classroom, for review.** | |