Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

**U1.L12 -Intro to CSS - Colors, fonts, images!**

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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: | | | | | | | |
| * **Add color to text, backgrounds, and borders.** * **Add fonts using google fonts.** * **Add images using the IMG tag and SRC attribute** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| **Review For Quiz** | | | | | **N.A.** | | |

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| Lesson Methods | |
| Activating Strategy/Hook | Time: 10 mins |
| **Do Now: [ Google Classroom ]**  *Students respond to the following prompt*   * What is your favorite font and why? * Why are images | photos | pictures important for a website? | |
| Lesson Lecture | Time: 30 mins |
| **[Play]** The History of Typography: <https://www.youtube.com/watch?v=wOgIkxAfJsk>  **[LIVE DEMO]**  **Introduction to colors to text using <span>**   * **The <span> element:**   + The HTML <span> element is a generic inline container for phrasing content, which does not inherently represent anything. It can be used to group elements for styling purposes.   + *Show students how to split that paragraph texts by wrapping certain words or sentences within span tags to add separate style, for example;*   <p>This is an <span>example</span> of a paragraph</p>  *In the above example, the word “example” is wrapped within span tags which can be used to add style to that particular part of the sentence using CSS*  **Backgrounds colors and borders via CSS.**   * **Background Color**   + The background-color CSS property sets the background color of an element.   + Example: background-color: brown;   Colors can be found by visiting <https://htmlcolorcodes.com/>   * **Borders**   + The border shorthand CSS property sets an element's border. It sets the values of border-width, border-style, and border-color.   + As with all shorthand properties, any omitted sub-values will be set to their initial value. Importantly, border cannot be used to specify a custom value for border-image, but instead sets it to its initial value, i.e., none.   + The border shorthand is especially useful when you want all four borders to be the same. To make them different from each other, however, you can use the longhand **border-width, border-style, and border-color** properties, which accept different values for each side. Alternatively, you can target one border at a time with the physical (e.g., border-top ) and logical (e.g., border-block-start) border properties.   **Adding fonts using google fonts**   * **Use** [**https://fonts.google.com/**](https://fonts.google.com/)   + Search for available fonts via catalog   + Add fonts you want to use   + Copy and Paste the information outlined once font is in the library     Explain the process for adding multiple fonts to a website, note the LINK tag!  **Adding images using the IMG tag and SRC attribute**   * The HTML <img> element embeds an image into the document.      * The src attribute is required, and contains the path to the image you want to embed. * The alt attribute holds a text description of the image, which isn't mandatory but is incredibly useful for accessibility — screen readers read this description out to their users so they know what the image means. Alt text is also displayed on the page if the image can't be loaded for some reason: for example, network errors, content blocking, or linkrot. | |
| Work Period | Time: 20 mins |
| **Student work time**   * *Students continue to work on their personal websites, to include all of the prior skills, and the tags used today to improve their site.* * *Feedback from their peers and the teacher will take place during this work time.* * *Teacher checks in with students that may be behind, or need support in implementing these features.* | |
| Closing/Exit Ticket | Time: 20 mins |
| **Review For Quiz** | |