Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

U3.L3- Using the grid for images **[Week 2]**

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| Teacher(s) | Edwin Jaquez | Course | | Web Development | | Unit Title | [Unit 3 - Planning, Developing and Coding | Solo Project#1](https://docs.google.com/document/d/1LUyInzeesRqzMQMZ01vvR30aIsRWnCMpoaaf0o8bra8/edit) |
| **U3.L3- Using the grid for images** | | Dates | | **B Days** | | Time | **80 Minutes** |
| Objectives: | | | | | | | |
| * **Understand how to represent images in a grid using the <table> tag** * **Review how to edit the style of tables via CSS to include background colors and sizing instruction elements.** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| **Students submit a link to the tables activity page for grading and feedback.** | | | | |  | | |

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| Lesson Methods | |
| Activating Strategy/Hook | Time: 5 Mins |
| **Display the following prompt for students;**   * Open your Unit 3 Planning document. * Review the calendar * Describe a goal you have for today’s Web Lab Work Time.   Have 2-3 Students share aloud, and ask the class to show hands if their goals are similar to the students that shared. | |
| Lesson Lecture | Time: 25 Mins |
| **Overview:**   * *This lesson will show students how to organize images in a table. Tables can be used to design an entire website, however, most developers use a CSS library that does this automatically. We will be covering BOOTSTRAP, the aforementioned CSS library in one of the upcoming units. Students must understand how tables are used to organize, and layout information prior to learning BOOTSTRAP.*   **Live Demo:**   * *Teacher will live code a website. The website should include a table with three rows, and three columns. There will be content within each row. The content will be in the form of text and images. At Least one of the images will be uploaded, while the others are linked from their address URL. The final table should look as follows:*  |  |  |  | | --- | --- | --- | | **TITLE OF TABLE** | | | | [IMAGE] | [IMAGE] | [IMAGE] | | DESCRIPTION OF IMAGE | DESCRIPTION OF IMAGE | DESCRIPTION OF IMAGE |  |  |  | | --- | --- | | **Starter Code For Live Demo** | | | **Language** | **Code** | | HTML | <!DOCTYPE html>  <html>  <head>  <meta charset="utf-8">  <meta name="viewport" content="width=device-width">  <title>Exemplar Website</title>  <link href="style.css" rel="stylesheet" type="text/css" />  </head>  <body>  <!-- *This website addresses the problem of many people not being able to understand how to vote.* -->  <div id="nav">  <h3>VoteЯ</h3>  <button>Home</button>  <button>Voter's Rights</button>  <button>The Process</button>  <button>Where to vote</button>  <button>Voter's Registration</button>  <div>  </body>  </html> | | CSS | **None** | | JAVASCRIPT | **None** | | |
| Work Period | Time: 45 Mins |
| **Tables Activity: [20 Mins]**  **Students Create a website that has the following:**   * 3 rows * 3 columns * 3 images * 3 paragraphs * 1 header * CSS information   + Align all elements in the <tr>, <table>, and <td> to center * Looks as the following example:   **Code:** [**https://repl.it/@EddieJaquez/Table-Example?language=html**](https://repl.it/@EddieJaquez/Table-Example?language=html)  **Full Screen :** [**https://Table-Example--eddiejaquez.repl.co**](https://table-example--eddiejaquez.repl.co)    **Web Lab: [25 Mins]**   * Students use the remainder of the class time to work on their Unit 3 project. * Students should use their planning calendar to ensure that they’re on schedule. * Teacher monitors students who may not be on-task or completing work in a timely manner.   + Ensure that student has completed the tasks on their planning calendar. | |
| Closing/Exit Ticket | Time: 5 Mins |
| **Students submit a link to the tables activity page for grading and feedback.** | |