Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

U3.L4- Using the grid for videos and 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.L4- Using the grid for videos and images** | | Dates | | **B Days** | | Time | **80 Minutes** |
| Objectives: | | | | | | | |
| * **Understand how to represent Videos and Images in a grid using the <table> tag** * **Use the <iframe> tag to render videos within a table** * **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: **10 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: **20 Mins** |
| **Overview:**   * *This lesson will show students how to organize videos in a table, using the <iframe> tag. This builds on to lesson 3.*   **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:* * **Video’s will be taken from YouTube, and will be based off of the iframe share method.**  |  |  |  | | --- | --- | --- | | **TITLE OF TABLE** | | | | [Video] | [Video] | [Video] | | Video Title | Video Title | Video Title |  |  |  | | --- | --- | | **Starter Code For Live Demo** | | | **Language** | **Code** | | HTML | <!DOCTYPE html>  <html>  <head>  <meta charset="utf-8">  <meta name="viewport" content="width=device-width">  <title>repl.it</title>  <link href="style.css" rel="stylesheet" type="text/css" />  </head>  <body>    <table>  <tr>  <td colspan="3">  <h1>My Favorite Music Videos</h1>  </td>  </tr>  <tr>  <td>  <iframe src="https://www.youtube.com/embed/SDSXLkD74KE" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>  </td>  <td>  <iframe src="https://www.youtube.com/embed/1l8vIAvAerE" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>  </td>  <td>  <iframe src="https://www.youtube.com/embed/1eomjy9Xy3M" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>  </td>  </tr>  <tr>  <td>Summer Walker: Playing Games</td>  <td>Summer Walker: Girls Need Love</td>  <td>Summer Walker: CPR</td>  </tr>  </table>    </body>  </html> | | CSS | **iframe {**  **width: 120px;**  **height: 120px;**  **}**  **table, tr, td {**  **border: black solid 2px;**  **text-align: center;**  **}** | | 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   + Set <iframe> width and height to 120px * Looks as the following example:   **Code:** [**https://repl.it/@EddieJaquez/Tables-with-Videos?language=html**](https://repl.it/@EddieJaquez/Tables-with-Videos?language=html)  **Full Screen :** [**https://tables-with-videos.eddiejaquez.repl.co/**](https://tables-with-videos.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. | |
| Closing/Exit Ticket | Time: **5 Mins** |
| **Students submit a link to the tables activity page for grading and feedback.** | |