Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

**U2.L2 - Creating a Data Table Pt.2 [Week 2]**

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| Teacher(s) | Edwin Jaquez | Course | | Web Development | | Unit Title | [Unit 2 - Designing and Planning Web Pages](https://docs.google.com/document/d/1vszTPHN3ds6vby3WQhbgjliny1rmemsgJuWPsWcq1IU/edit) |
| Lesson # | 1 | Days | | **B Days** | | Time | 80 Minutes |
| Objectives: | | | | | | | |
| SWBAT   * **Review how to add tables to a webpage.** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| Students submit their pen via google classroom for review & feedback. | | | | | **[Responses will Vary]** | | |

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| --- | --- |
| Lesson Methods | |
| Activating Strategy/Hook | Time: 10 mins |
| **Live Demo Review**  **Via Google Sheets**  Organize the following data using Google Sheets (Posted on Google Classroom)  Ensure that students understand Headers, Rows, Columns and Data. | |
| Lesson Lecture | Time: 30 Mins |
| **This lesson builds off of U2.L1**  **How to Create an HTML Table**   1. HTML tables begin with **<table>** and end with **</table>**. 2. Inside the **table** element, you can optionally include a **caption** element, which contains a brief title or description of the table's content. Most browsers display the caption above the table. 3. Like HTML documents, tables include a head and body. In tables, these are specified using the **<thead>** and **<tbody>** elements respectively. These tags are optional, but they should be included on long tables. If long tables are printed and span multiple pages, browsers will repeat the content of the **<thead>** element (usually the top row(s) of the table) at the top of every printed page. 4. Each row in a table begins and ends with *table row* (tr) elements: **<tr></tr>** 5. Each *cell* in the table begins and ends with either *table header* (th) elements or *table data* (td) elements, depending on what type of information the cell contains.    * If a cell contains headers, it begins and ends with th elements: **<th></th>**    * If a cell contains data (not headers), it begins and ends with td elements: **<td></td>** 6. Table header elements (**th**) should also include a ***scope*** attribute, which is either ***scope="row"*** or ***scope="col"***. This instructs screen readers as to which headers apply to which cells. Screen readers read tables row by row from left to right, and without this extra markup blind users would have a difficult time figuring out which headers apply to the cell they're in.   **Compare the following table with the code that was used to create it:**   |  |  | | --- | --- | | **INPUT** | **OUTPUT** | | <table>  <caption>School Lunch Menu</caption>  <thead>  <tr>  <td> </td>  <th scope="col">Monday</th>  <th scope="col">Tuesday</th>  <th scope="col">Wednesday</th>  <th scope="col">Thursday</th>  <th scope="col">Friday</th>  </tr>  </thead>  <tbody>  <tr>  <th scope="row">Carnivores</th>  <td>Sausage pizza</td>  <td>Corn dogs</td>  <td>Sloppy Joe</td>  <td>Beef taco</td>  <td>Chicken and dumplings</td>  </tr>  <tr>  <th scope="row">Herbivores</th>  <td>Veggie pizza</td>  <td>Veggie dogs</td>  <td>BBQ tempeh</td>  <td>Bean burrito</td>  <td>Tofu teriyaki</td>  </tr>  </tbody>  </table> | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** | | **Carnivores** | **Sausage pizza** | **Corn dogs** | **Sloppy Joe** | **Beef taco** | **Chicken and dumplings** | | **Herbivores** | **Veggie pizza** | **Veggie dogs** | **BBQ tempeh** | **Bean burrito** | **Tofu teriyaki** | | | |
| Work Period | Time: 35 mins |
| **Activity #1:** | |
| Closing/Exit Ticket | Time: 5 minutes |
| Students submit their pen via google classroom for review & feedback. | |