Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

**U1.L10 -Pages, Links and Navigation**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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: | | | | | | | |
| * **Implement navigation by creating links to other pages and/or sources.** * **Divide their web pages into sections using DIV’s (Divider tags)** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| *Students should copy and paste the link to their project in the google classroom.*  The 5 minutes dedicated for this could be used to provide preview for next lesson if all students are complete. | | | | | **Responses Will Vary** | | |

|  |  |
| --- | --- |
| Lesson Methods | |
| Activating Strategy/Hook | Time: 10 mins |
| **Do Now: [ Google Classroom ]**   * *Sign on to google classroom* ***[10 minutes]***   + *Open up the CodePen Document shared*     - *Change the colors of each <h3> element to* ***red*** *using the style attribute*     - *Add a numbered list with 5 of your favorite songs* | |
| Lesson Lecture | Time: 35 mins |
| **Do Now Review** ***[8 minutes]***  *Show students the DO-NOW solution and go over the misconceptions to the problem-set*  **Students fix any errors they made as I code along the solution**   * **Misconceptions:**   + Confusing the attribute with the tag   + Not adding the style attribute with instructions within quotations   + Using the incorrect list tag   **Lesson: [12 minutes]**   1. **Introduction to the Division Element <div>:**  * The HTML Content Division element (<div>) is the generic container for flow content. It has no effect on the content or layout until styled using CSS. * As a "pure" container, the <div> element does not inherently represent anything. Instead, it's used to group content so it can be easily styled using the class or id attributes.   **b. Introduction to the anchor element <a>:**   * The HTML <a> element (or anchor element), along with its href attribute, creates a hyperlink to other web pages, files, locations within the same page, email addresses, or any other URL. * **Example [live demo] - [10 minutes]**  |  |  | | --- | --- | | **Input** | **Output** | | **<div>**  **<p>You can reach Michael at:</p>**  **</div>**  **<div>**  **<ul>**  **<li><a href="https://example.com">Website</a></li>**  **<li><a href="mailto:m.bluth@example.com">Email</a></li>**  **<li><a href="tel:+123456789">Phone</a></li>**  **</ul>**  **</div>** | **You can reach Michael at:**   * **[Website](https://example.com/)** * **Email** * **Phone** |  * **Attributes to use**   + Href Contains a URL or a URL fragment that the hyperlink points to. URLs are not restricted to Web (HTTP)-based documents, but can use any protocol supported by the browser. For example, file:, ftp:, and mailto: work in most browsers.   + A URL fragment is a name preceded by a hash mark (#), which specifies an internal target location (an id of an HTML element) within the current document. * **More Examples:** [**https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#Examples**](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#Examples) | |
| Work Period | Time: 30 mins |
| **Code-Pen Activity**   * Students will create a website with links to references.   + The page should have the following     - Heading <h1> naming the site “My References”, in any color       * Heading <h3>, naming the list “Important Websites”         + List <ul>, with the following references   HTML Color Codes: *Linked to* [*https://htmlcolorcodes.com/*](https://htmlcolorcodes.com/)  W3 Schools: *Linked to* [*www.w3schools.com*](http://www.w3schools.com)  CodePen:*Linked to* [*www.codepen.io*](http://www.codepen.io)  Repl: *Linked to* [*www.repl.it*](http://www.repl.it)   * + - * Heading <h3>, naming the list “Mr. Eddie’s E-Mail”         + Make the text “Eddie” a hyperlink that emails me at [edwin@belahs.org](mailto:edwin@belahs.org) * **Exemplar**  |  |  | | --- | --- | | **INPUT** | **OUTPUT** | | **<h1 style="color:green">My References</h1>**  **<h3>Important Websites</h3>**  **<ul>**  **<li><a href="https://htmlcolorcodes.com/">HTML Color Codes</a></li>**  **<li><a href="www.w3schools.com">W3 Schools</a></li>**  **<li><a href="www.codepen.io">CodePen</a></li>**  **<li><a href="www.repl.it">Repl</a></li>**  **</ul>**  **<h3>Mr <a href="mailto:edwin@belahs.org">Eddie's</a> E-Mail</h3>** |  | | |
| Closing/Exit Ticket | Time: 5 mins |
| *Students should copy and paste the link to their project in the google classroom.*  The 5 minutes dedicated for this could be used to provide preview for next lesson if all students are complete. | |