Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

U2.L11 - Navigating Pages **[Week 6]**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | Time | | **80 Mins** | | Dates | **B Days** |
| Objectives: | | | | | | | |
| * **Use the <div>, <a> & <button> tags and id attribute to create a navigation bar** * **Use the CSS properties, text-shadow, text-align, :hover, height, color, background-color, width and google fonts to style a navigation bar.** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| **N/A** | | | | | **N/A**  Teacher will review homepage to ensure that students are on track, and provide support for students that are identified as struggling to meet the necessary requirements. | | |

|  |  |
| --- | --- |
| Lesson Methods | |
| Activating Strategy/Hook | Time: 5 minutes |
| **Do Now:**   * Create a list of things you need to get done today, and describe how/what you need in order to get them done. **For example**: *I need to work on my navigation bar, by adding buttons and making sure they’re clickable to other parts of my website.* | |
| Lesson Lecture | Time: 15 minutes |
| **Review CFS:**  Have students share out things they need to work on, and advise that they will have the opportunity to work on their websites during this lesson. Their Homepages must be complete and include their **name, navigation bar, links or buttons, an image.** All links/buttons should work, meaning they should direct users to other pages.  **A navigation bar** is a section of a graphical user interface intended to aid visitors in accessing information. Navigation bars are implemented in file browsers, web browsers and as a design element of some web sites.  Typically, web sites will have a primary navigation bar and a secondary navigation bar on all pages. These sections of the webpage will include links to the most important sections of the site. The implementation and design of navigation bars is a crucial aspect of web design and web usability.  There are a few variations of menu bars, however the essential function of a navigation bar, or navbar as developers call them, is to navigate between pages. Navbars must remain consistent throughout the navigation of the page meaning that If a user clicks on a video on YouTube, they should still be able to navigate back to the homepage or any other section of the website. Remember websites are not web pages, and webpages are part of a website.  **Examples:**  YouTube uses a simple navigation bar with a “burger-style” menu button, which we will learn more about in later units.    FashionNova’s navigation bar uses buttons to navigate between categories that route to different pages.    Amazon’s Navigation bar has several components, including their logo.    **Creating a Horizontal navbar:**  <https://www.w3schools.com/css/tryit.asp?filename=trycss_navbar_horizontal_black>  Students may create navbars that resemble a horizontal navbar by nesting buttons within a div called navbar, and provide style information for it within CSS. | |
| Work Period | Time: 55 minutes |
| **Work Time:**  Students will have the remainder of class time to work on their homepages, taking into account the previous lessons.  **Teacher:**  Uses this time to provide feedback to students and support students that may be behind. For students that are complete, some suggested extended activities are:   * Add a contact page with a form * Update Resume to include the URL of their website. * Register to github | |
| Closing/Exit Ticket | Time: 5 Minutes |
| Students should submit a working link to their navigation under the assignment posted to google classroom: **Homepage- NavBar** | |