Brooklyn Emerging Leaders Academy

Daily Instructional Lesson Plan

U3.L8- Font-Awesome - Web Lab **[Week 4]**

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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.L8- Font Awesome - Web Lab** | | Dates | | **B Days** | | Time | **80 Minutes** |
| Objectives: | | | | | | | |
| * **Get vector icons and social logos on your website with Font Awesome** * **Web Lab: Students will work on creating a form for their Unit 3 Project website** | | | | | | | |
| Assessment—Exit Ticket Questions | | | | | Student Exemplar Responses to the Exit Ticket Questions | | |
| **Students Submit the URL to their Project’s by completing the google form via Google Classroom.** | | | | | **N/A** | | |

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| Lesson Methods | |
| Activating Strategy/Hook | Time: **5 Mins** |
| **DO NOW:**  In your own words, answer the following:   * What is an emoji? * What are they used for?   *\*\* Answer in 2-3 complete and grammatically correct sentences.* | |
| Lesson Lecture | Time: **30 Mins** |
| **Lesson Overview:**  This lesson will guide students through the [Font-Awesome](https://fontawesome.com/) library, where they will be able to get vector icons and social logos on your website with Font Awesome, the web's most popular icon set and toolkit.  **What is font-Awesome?**   * Font Awesome is a font and icon toolkit based on CSS and LESS. It was made by Dave Gandy for use with Twitter Bootstrap, and later was incorporated into the BootstrapCDN.   + Less is a dynamic preprocessor style sheet language that can be compiled into Cascading Style Sheets and run on the client side or server side. **[WE WILL NOT BE USING LESS IN THIS COURSE, BUT IT IS IMPORTANT FOR STUDENTS TO UNDERSTAND THAT THERE ARE OTHER STYLING LANGUAGES]** * Font Awesome 5 has a PRO edition with 7020 icons, and a FREE edition with 1535 icons. This tutorial will concentrate on the FREE edition. * To use the Free Font Awesome 5 icons, you can choose to download the Font Awesome library, or you can sign up for an account at Font Awesome, and get a code (called KIT CODE) to use when you add Font Awesome to your web page. * We prefer the KIT CODE approach. Once you get the code you can start using Font Awesome on your web pages by including only one line of HTML code:  |  | | --- | | <script src="https://kit.fontawesome.com/*yourcode*.js"></script> |   **EXAMPLE:**  *We got the code a076d05399 and by inserting the script tag, with the code, we can start using Font Awesome:*   |  |  | | --- | --- | | **INPUT** | **OUTPUT** | | **<!DOCTYPE html>**  **<html>**  **<head>**  **<script src="https://kit.fontawesome.com/a076d05399.js"></script>**  **</head>**  **<body>**  **<i class="fas fa-clock"></i>**  **</body>**  **</html>** |  |   **KIT CODE**  *Share kit code with students*   |  | | --- | | **<script src="https://kit.fontawesome.com/d78ac0adf1.js" crossorigin="anonymous"></script>** |   **Using Font-Awesome**  *Students will have access to the KIT code for Font-Awesome. The teacher will share this code via Google Classroom.*   * The KIT Code must be nested within the <head> tag of the page. * **Icon Gallery:** [**https://fontawesome.com/icons?d=gallery**](https://fontawesome.com/icons?d=gallery)   **[**[**LIVE DEMO**](https://repl.it/@EddieJaquez/Font-Awesome-Exemplar)**]**   |  |  | | --- | --- | | **INPUT** | **OUTPUT** | | **<!DOCTYPE html>**  **<html>**  **<head>**  **<meta charset="utf-8">**  **<meta name="viewport" content="width=device-width">**  **<title>Home Page</title>**  **<link href="style.css" rel="stylesheet" type="text/css" />**  **<script src="https://kit.fontawesome.com/d78ac0adf1.js" crossorigin="anonymous"></script>**  **</head>**  **<body>**  **<!-- *Exemplar with Font-Awesome* -->**  **<p>Copyright <i class="far fa-copyright"></i></p>**  **<p>Facebook <i class="fab fa-facebook-square"></i></p>**  **<p>Instagram <i class="fab fa-instagram"></i></p>**  **<p>Snapchat <i class="fab fa-snapchat-square"></i></p>**  **<p>Google <i class="fab fa-google"></i></p>**  **<p>Apple <i class="fab fa-apple"></i></p>**  **</body>**  **</html>** |  | | |
| Work Period | Time: **40 Mins** |
| **Web Lab: [40 Mins]**  *Students should have the following done by today*   * **Home Page**   + **Navigation Bar**   + **Title of Website**   + **Background Image or Color**   + **Google Fonts**   + **Description of what the website is about (about page and/or section)** | |
| Closing/Exit Ticket | Time: **5 Min** |
| **Students Submit the URL to their Project’s by completing the google form via Google Classroom.** | |