Static Webpage: Educational Developer

Credit: PROJECT C WEB DESIGN AND DATABASE MANAGEMENT

You are an educational developer that focuses on creating webpages containing educational resources for clients. Create a static website, from scratch, around a school topic (e.g., mathematics, social studies, chemistry) that you struggle with. Alternatively, your website could feature a post-secondary topic. All HTML and CSS documents should created around your central subject area and should be well-formed documents following quality syntax conventions. Review the below assessment criteria to see what you should include on your site.

You can visit <https://www.codecademy.com/> to brush up on your HTML or CSS.

In general, <http://www.w3schools.com/tags/> is a great resource for looking up HTML syntax.

To generate filler text to help with formatting while designing (in MS Word):

enter one of the following lines and press enter

=lorem(x,y)

=rand(x,y)

where x is the number of paragraphs

where y is the number of sentences per paragraph

Helpful HTML tags for this project:

(you can Google these and W3 schools for usage examples)

* <p> Paragraph
* <div> Division or Section
* <a> Anchor
* <img> Image
* <br> Line Break
* <ul> Unordered List
* <ol> Ordered List
* <h1> Heading Level 1
* <h2> Heading Level 2 (there are more heading levels)
* <table> Table

Adobe Color Wheel:

<https://color.adobe.com/create/color-wheel/>

## Assessment Criteria

[Assessment Criteria](#_jb4dr65lrgow)

[Static Webpage: Educational Developer Rubric](#_9m7fhq971y16)

[Feature Requirements (25%)](#_gemmfc9b9hew)

[Layout (25%)](#_z4zyimq3oakd)

[HTML and CSS Conventions (50%)](#_icq47z2i7gex)

[Overall Grade](#_n93yb58odgc2)

# **Static Webpage: Educational Developer Rubric**

*Name*:

### Feature Requirements (25%) -------------------------------------------

|  |  |
| --- | --- |
| **Item** | **This/these items are present (1 point for each)** |
| Does the website includes at least **3** linked HTML (.html) pages? |  |
| Does the website includes at least 5 different formats of fonts?  (E.g., font types, sizes, colours) |  |
| Does the website includes at least **3** hyperlinks on each page?  (internal navigation or external sites) |  |
| Does the website includes at least 3 images on the website overall? |  |
| Does the website includes at least 3 paragraphs (<p>) per page? |  |
| Does the overall website includes at least 2 levels of headings? |  |
| Does the overall website includes at least 1 table (<table>)? |  |
| Does the website includes a website logo on every page and when the logo is clicked, this returns the user to the website’s home page?  You can copy paste the nav bar from one page to the others. |  |
| **Total**  **/8** | |

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### Layout (25%)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **Outstanding**  **4**  **(x2)** | **Proficient**  **3**  **(x2)** | **Requires further development**  **2**  **(x2)** | **Requires significant improvement**  **1**  **(x2)** | **Insufficient evidence**  **0**  **(x2)** |
| **Demonstrates a thoughtful design and attention to detail**   * The typography is easy to read, and point size varies appropriately for headings and text while maintaining a consistent style throughout. * Use of bullets, italics, bold, and indentations enhances readability. * Consistent format extends page-to-page. The layout uses horizontal and vertical white space appropriately. * The background, colors and layout are artful and consistent across the website and enhance the readability of the information presented. | Checklist has been  consistently followed | Checklist has been followed but not  consistently | Checklist has partially  been followed with some omissions/errors | Checklist has been  followed inconsistently  with several  omissions/  errors |  |

### HTML and CSS Conventions (50%)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM** | **Outstanding**  **4**  **(x2)** | **Proficient**  **3**  **(x2)** | **Requires further development**  **2**  **(x2)** | **Requires significant improvement**  **1**  **(x2)** | **Insufficient evidence**  **0**  **(x2)** |
| **Do the HTML pages follow proper style conventions? (25%)**  <http://www.w3schools.com/html/html5_syntax.asp>   * HTML tags are all well-formed (all tags are properly closed and encapsulated) * HTML is easy to read (proper indentation) * Comments are included outlining elements and attributes * Document type is included at top of document * Tag elements are all lower case * Empty HTML elements are properly closed * Attributes are contained in quotations * Alt text is provided for all images * Consistency is maintained throughout document | Checklist has been  consistently followed | Checklist has been followed but not  consistently | Checklist has partially  been followed with some omissions/errors | Checklist has been  followed inconsistently  with several  omissions/  errors |  |
| **Is CSS implemented follows proper style conventions? (25%)**  <http://code.tutsplus.com/tutorials/30-css-best-practices-for-beginners--net-6741>   * Style is defined in separate, linked style.css document * Semicolons included after every declaration * Indentation of all block content * Consistency is maintained throughout document * ID and class names are short, but descriptive | Checklist has been  consistently followed | Checklist has been followed but not  consistently | Checklist has partially  been followed with some omissions/errors | Checklist has been  followed inconsistently  with several  omissions/  errors |  |
| **Category Total**  **/16** | | | | | |
|

### Overall Grade

|  |  |
| --- | --- |
| **Feature Requirements (25%)** | **/8** |
| **Layout**  **(25%)** | **/8** |
| **HTML and CSS Conventions**  **(50%)** | **/16** |
| **Total** | **/32** |
| **Comments** |  |