Additional Instructions

**MAJOR** Grade: Build Web Page – You pick the Topic!

Overview

Build a webpage, but this one has all the new attributes learned in the last 4 weeks. It will need at least 4 paragraphs with an average of 5 complete sentences each. (4 x 5 = 20 sentences for entire project webpage.) You will need 3 images. You will need to create a custom style sheet (CSS) as a *separate* file. The CSS file must have at least 6 rule sets. These rule sets must have at least 3 attributes each. *Possible* attributes include (there are others on Code/org):

|  |  |  |
| --- | --- | --- |
| img {  float: left;  width: 250px;  margin: 10px;  border-color: saddlebrown;  border-width: 4px;  border-style: solid;  border-radius: 10px;  } | body {  background-color: lightblue;  }  body {  background-image: url("backgroundCloud.jpg");  }  h2 {  font-family: sans-serif;  } | p {  text-align: left;  font-family: fantasy;  font-size: 14px;  }  h6 {  text-align: right;  } |

Either a background color or an image ***must be included***.

Question of the Day: What do you need to do to prepare to build your web pages?

In this lesson, you engage in the "prepare" stage of the problem-solving process, deciding what elements and style your web page will have. Reviewing the different HTML, CSS, and images you will need in building your web page. You will then describe and sketch their pages, listing the tags and styles you will use to get the layout and design that you decided on. You then move online to find and download the images they will need for their pages. Afterwards, they reflect on how their plan will ensure that the website does what it is designed to do.

Purpose

This lesson reinforces the idea to design and plan your pages before you start coding. It provides a structured process for planning that ties into the problem solving. This will give something to use as you build your pages.

Rubric (How this is Graded) Assessment Opportunities

1. Logically separate the content, structure and formatting of a digital artifact

In the activity guide, check that the design sketch includes the content, and that the tag and style columns in the "Describe your styles" section are filled out with HTML tags on the left and style descriptions or CSS on the right.

1. Create documentation that explains the design decisions of an artifact

In the wrap up, check that you have tied your design decisions in the Activity Guide with the goal of the website as stated in the earlier lesson.