**Fluency Review Template**

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**Date:** 6/15/18

**Week:** 08

**Coding Topic:** Javascript- Loops, conditional statements, functions etc.

**Description of Understanding:** Javascript, while influenced by Java, is more similar to C script. It is a client-side scripting language. This means that it is dependant on the end user’s web browser rather than the web server. You will see that as some elements will only work in updated browsers. Using javascript we are able to manipulate elements in our html script to create dynamic elements. This also helps to perform tedious tasks quicker by taking advantage of loops, array and conditional statements. Examples of several of these can be found in the code below.

**Teaching Video:**

**Starting at:**

**Also Integrated with:**

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Actual webpage | https://erickson-devin.github.io/javascript\_tools.html | You can see several example of Javascript working here concurretnly in html. | Mine |
| Javascript\_tools.html | https://github.com/erickson-devin/erickson-devin.github.io/blob/master/javascript\_tools.html | I have added my js right into this file for simplicity purposes. | mine |
|  |  |  |  |

**Coding Topic:** Manipulate CSS using JS

**Description of Understanding:** Just as was stated above, we can manipulate elements of an HTML script with JS. In a similar way we can manipulate CSS. In my examples I used different actions to create a change in the way elements were being displayed to the end-user.

**Teaching Video:  https://youtu.be/h1xwOopoQ2I?t=5m55s**

**Starting at:** 5:55

**Also Integrated with:**

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Webpage link | https://erickson-devin.github.io/css-manipulation.html |  | mine |
| css-manipulation.html | https://github.com/erickson-devin/erickson-devin.github.io/blob/master/css-manipulation.html | Several event triggers are used and can be proved by the webpage. | mine |

**Coding Topic:** HTML tags

**Description of Understanding:** At a high level view HTML tags are the backbone of an HTML documents. Pairs of tags hold different elements and allow for specific manipulation. Here I took a look at three in particular; Audio, Video, and Canvas. With updates to browsers and HTML code we are able to embed audio video and canvas graphics without the need of a plugin, typically flash. All of these can be manipulated with JS and CSS.

**Teaching Video:**  https://youtu.be/HU\_Vz8QXbJY?t=30s

**Starting at:** 00:30

**Also Integrated with:**

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | **Git Link** | **What should I be looking for?** | **Sandbox or Your code?** |
| Webpage link | https://erickson-devin.github.io/html\_tags.html | Several example of html tags (Audio, Video, and Canvas) | mine |
| html\_tags.html | https://github.com/erickson-devin/erickson-devin.github.io/blob/master/html\_tags.html | I have used different html tags to embed element to my webpage. | mine |