Course Overview

Reference

- <http://htmldog.com/>

- use khanacademy as homework?

- <https://developers.google.com/web/>

1. Student requirements
   1. 7 – 9th grade
   2. Laptop w/ 4gb RAM
   3. Atom installed (see instructions)
   4. Able to type
   5. A google account to use google docs
   6. Windows – turn on ability to see file extensions
2. Course Info
   1. Content may vary depending on level of students in the class
3. Document structure – Google Docs
   1. A web page is a document
   2. What is an elements
   3. What’s a style and why use them

<http://bit.ly/tvc-using-styles>

* 1. Hierarchy of information
     1. <http://bit.ly/tvc-document-structure>

1. Intro/**demo** to html, css & js – where we are going
   1. html
   2. css
   3. <link>
   4. <https://github.com/klequis/proj18/tree/master/intro-html-css-js>
   5. Content
      1. Content is everything you see displayed on a web page. It consists of text, videos & pictures.
      2. What you see on the screen is the combination of HTML & CSS
   6. Structure
      1. Structure is created with HTML which defines things such as headings, paragraphs, images, links and about and what is an image.
   7. Styles are created using CSS
   8. Interactivity
      1. Created using JavaScript
      2. Events
   9. HTML defines about 100 elements. (move to html intro)
      1. But don’t worry, you don’t need to learn all of them to get started. You can do a lot with 10 or 15 of them which are most frequently used.
2. First HTML & CSS
   1. <https://jsbin.com/zafezum/1/edit?html,css,output>
3. File system
   1. File extensions
   2. Tvc-school/../FileManagement
4. Atom Code Editor
   1. Installation
   2. Files and folders
   3. Atom editor (or online editor?)
   4. Open a sample project
      1. give walk through
      2. open in browser
      3. make a few changes
5. HTML – Learn Elements
6. CSS
   1. Selectors
   2. Id
   3. Class
   4. Anatomy of a style
   5. Name (property) / value pairs
7. JavaScript
   1. Quick intro – alert or hello world
8. Inspecting pages
9. Page Layout
   1. Shw mockup of what we will create
10. Project ideas
    1. Pokemon
    2. Geo location
    3. Gaming

# Projects

website01 – (jsFiddle)

Learn

* <h1>
* <h2>
* <p>
* <img>
* <b>

Example

* https://jsfiddle.net/klequis/9gq0xLm1/5/

Website02 – lists (jsFiddle)

* <ol>
* <ul>
* <li>