FEWD

GENERAL ASSEMBLY

WEEK 10 / LESSON 19:

FRAMEWORKS, GRIDS AND GOING LIVE

Leonie Dunnett

REVIEW: HTML & CSS BASICS

- **Responsive Design**
Media Queries, Viewport
px, ems, rems
Image Sizing

- **Page Layout**
Box Model (Fix)
Display Block vs Inline
Display Inline-Block
Floats (Clearing content)

REVIEW: ADDING INTERACTIVITY

- **Forms, CSS3 and jQuery**

- **JS Fundamentals**
  Data (Types and Arrangements)
  Moving data around (Control Flow and Functions)

GETTING YOUR SITE IN THE INTERNET

1. **Find a web host** (eg. Crazy Domains, Dreamhost, etc)

2. **Buy a domain name** Many hosting companies offer a free domain when you sign up for hosting

3. **Download an FTP program** (eg. FileZilla) Upload your files to your server

Alternative: GitHub Pages

MODIFYING EXISTING WEBSITES

- Get to know the basics

- Practice, practice, code, code

- Keep building on what you know

- Use debugging tools to edit and learn

TOOLS TO HELP WHEN BUILDING FROM SCRATCH

Front-end Frameworks

Grid Systems

CSS Preprocessors

FRONT-END FRAMEWORKS

A framework is basically a user interface kit

HTML5 Boilerplate (template)

Bootstrap

Foundation

GRID SYSTEMS

Responsive Grid System

960 Grid System | Unsemantic

Build your own via CSS Tricks

Review of grid systems via CSS Author

CSS Frameworks and Grids Worth Considering
via Web Design Ledger

CSS PREPROCESSORS

Preprocessors let you structure CSS, and add things like variables, mixins, functions.

There are two main CSS preprocessors: LESS and SASS

(See also: Compass - a "CSS Authoring Framework" that uses SASS)

TECHNIQUES TO USE AT HOME WHEN STUCK ON CODE

- Make a cup of tea/coffee
- Google the problem (check the date!)
- Try not to get intimidated
- Go for a walk, move on, come back to it later
- Phone a friend (who codes)

MISCELLANEOUS TOPICS

- **Flexbox**

    - A Complete Guide to Flexbox via CSS Tricks
    - Using CSS flexible boxes via Mozilla MDN
    - Flexbox via Learn Layout

- **Favicons** - how to add one to your site

- **Device Testing with Chrome Dev Tools**
  - click mobile icon and select device