Outline Responsive

1. Options to handle mobile:
   1. Design for desktops with separate mobile app
   2. Native app
   3. Hybrid app
   4. RWD
2. RWD = Collection of techniquest and technologies that make your site respond to the capabilities of the device it’s being viewed on.
3. Dao of web design/RWD articles
   1. Ebb and flow of things
4. Stats
5. What is responsive?
   1. Flexible, grid based layout
   2. Flexible images and media
   3. Media queries
      1. Go through different options in media queries
6. Why Responsive?
   1. Consistent experience across multiple devices
   2. Same content
   3. Single code base
   4. Device agnostic / future proof
7. Biggest challenges and solutions
   1. %/ems instead of pixels
      1. Formula for percents
         1. 540px / 768px = 66%
      2. Formula for ems:
         1. 20px / 16px = 1.25em
      3. Box-siding: border-box
      4. Responsive Grid Sass
   2. Desktop content served up to mobile
      1. ReSS
         1. PictureFill
         2. Custom Controls
            1. WURFL
      2. Filament Group JPEG compression
         1. Show in Photoshop
   3. Unable to change source markup based on device
      1. Workarounds – jquery .clone(), for instance
   4. Advertising
   5. We’re really bad at it.
8. What makes for good responsive markup
   1. Mobile first
   2. Content-determined design/breakpoints
   3. UX is top priority over look
   4. Communicate potential pitfalls before you start
9. Introduction to Sass we’ll be using
10. RWD BG Guide
    1. Used to determine breakpoints
11. Meta and @viewport
12. Flexible grids:
    1. Grid Sass
    2. Responsive guide.jpg
    3. Gridsetapp
    4. Samples:
       1. Microsoft.com
       2. <http://www.wm.edu/>
       3. <http://www.hsgac.senate.gov/>
       4. <http://www.stury.in/>
13. Responsive Media
    1. Images
       1. Img, object, video { width: 100%; max-width: 100%; }
       2. PictureFill
          1. <http://upllc.vistacomm.com/>
       3. Custom Controls
          1. WURFL
       4. Filament Group JPEG compression
          1. Show in Photoshop
    2. Video
       1. <video> tags are easy
       2. YouTube
14. Media Queries
    1. Samples
    2. Ems instead of px
15. Navigation
    1. Smaller nav
       1. <http://coworkchicago.com/>
       2. <http://heathlife.co.uk/>
    2. Block nav
       1. <http://www.regent-college.edu/>
       2. <http://www.yaml.de/>
    3. Select
       1. <http://www.smashingmagazine.com/>
       2. <http://www.proag.com>
    4. CSS dropdown
       1. <http://www.sony.com/index.php#>
       2. <http://upllc.vistacomm.com/>
    5. Toggle
       1. <http://www.starbucks.com/>
       2. <http://www.wm.edu/>
    6. Footer Anchor
       1. <http://greygoose.com>
       2. <http://www.iso.org/iso/home.html>
    7. Side Panel
       1. <http://m.facebook.com>
       2. <http://jpanelmenu.com/>
16. Layout
    1. Floats
    2. Display:table-cell
    3. Flexbox
       1. Different versions
       2. Browser-proof method
17. Testing
    1. Browserstacks
    2. <http://www.studiopress.com/responsive/>
18. Progressive Enhancement
    1. What to do with old ie?
       1. Modernizr
       2. PIE.HTC
       3. Warning at the top of the page.

XXXX. Good resources for RWD

1. Mediaqueri.es
2. Alistapart.com
3. A Book Apart
   1. Mobile First
   2. Responsive Web Design
4. Smashing Magazine
5. Twitter.com/rwd

XXXXX. Squeaky Clean

1. Most of this is in there.