Lesson Plan

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| **Title** | CSS: 301 |
| **Date** | Jan. 23, 2017 |
| **Author(s)** | Leon Noel |

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| **Long-Term Learning Targets Addressed** | |
| Intro. To Responsive Layout and Design | |
| **Supporting Learning Targets Addressed** | **Assessment** |
| Mobile First Design, Mobile Apps | CSS Quiz |
| **Agenda Overview** | **Teaching Notes** |
| Intro. students to responsive layout, so that their sites work across all browsers and devices | Make sure students wireframe before coding. |
| **Lesson Vocabulary** | **Materials** |
| Responsive, Mobile First, Media Queries, Google Analytics | Slides, Starter Code, Solution Code |

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| **Opening: Do First** | | |
| **Instructional Plan** | **Duration** | **Students’ Needs** |
| CSS Quiz | 10mins | None |

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| **Instructional Time** | | |
| **Instructional Plan** | **Duration** | **Students’ Needs** |
| Intro. Responsive Layout:   * Demonstrate Responsive sites * Content and Size Decisions * Mobile First layout * Mobile Usage Numbers (Google Analytics)   Explain Media Queries:   * Max-width/Max-device-width   Explain EMs and Responsive Units of Measure:   * EMs vs. REMs | Morning | None |

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| **Post Lunch: Do First** | | |
| **Instructional Plan** | **Duration** | **Students’ Needs** |
| Write 3 media queries: Mobile, Tablet, Desktop | 10mins | None |

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| **Lab Time** | | |
| **Instructional Plan** | **Duration** | **Students’ Needs** |
| CSS Lab: Facebook  Responsive Mobile Layout  Students will construct a mobile version of their facebook homepage | None | Make sure they wireframe a mobile layout before starting.  They should be using their code from last week. |

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| **Assessment and Homework** |
| None |