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| Time | Activity | Details |
| 35 min | Introduction and setup | Introduce myself and the course.  Icebreaker: “Getting to know you Notecards”  Setup temporary google accounts; Get logged into App Inventor. |
| 35 min | Lesson: App Inventor Overview | **1. Getting started**  Creating project; Explain main screen; Designer and Block screens.  <https://appinventor.mit.edu/explore/get-started>  **2. Basic app creation**  Adding components; Component properties; Basic types of components;  <https://appinventor.mit.edu/explore/designer-blocks> |
| 15 min | Snack Break | Snack and stretching break |
| 60 min | Lesson 1: Components and Block Language Basics | **1. Codi Components**  Adding a first component, seeing it on the block screen  Brief overview of buttons, labels, and sounds  <https://appinventor.mit.edu/explore/ai2/setup>  ***Interlude: Clue Sheet Icebreaker***  <https://www.scholastic.com/teachers/articles/17-18/printables-mystery-icebreaker/>  **2. Data types**  Brief overview of Booleans, numbers, colors, and text.  **3. Decision Statements**  Brief overview of When-Do blocks |
| 35 min | Lab 1: Building HelloCodi | **1. HelloCodi Tutorial Video**  <https://www.youtube.com/watch?v=Vdo8UdkgDD8>  <https://www.youtube.com/watch?v=0hikoCvM3oc>  **2. Walk Through HelloCodi**  Working along with the class on the board on HelloCodi app  <https://appinventor.mit.edu/explore/ai2/hello-codi.html> |

Topics: AppInventor Interface, Component basics, Block Language basics