**Basic Programming Concepts for Arduino with tasks:**

* **Comments:**
  + 1.1\_intro\_to\_coding\_interface (just an example of the interface)
* **Procedural Coding**
  + 1.4\_three\_led\_solution\_challenge\_one
* **Variables**
  + Introduction:
    - 1.2\_flash\_led\_no\_variables
    - 1.3\_flash\_led\_with\_variables
    - pot\_serial\_display\_analog\_with\_map
  + Math with Variables
  + Comparisons with Variables
* **The Serial Monitor**
  + Button\_State
  + pot\_serial\_display\_analog
* **Structures**
  + Button\_State\_with\_led (if statement)
* **Increment**
  + button\_increments\_variable (and turns on LED) \*complex
  + button\_increments\_flashes\_led
  + #button increments number of flashes (not to be confused with the above)
* **Operators**
  + Conditional
  + Math
* **Loops** (covered in the basic LED flash)
* **Analog**
  + pot\_serial\_display\_digital, pot\_serial\_display\_analog

**Things to still put together:**

* **Installation of Arduino software(?)**
* **Troubleshooting of A.S. (port selection, perhaps different verification errors)**
* Explanation of Arduino and components for the understanding of the facilitator
* Same, but for coding. Perhaps send them the how-to-arduino?