**Day 6 Plan**

**9:00 – 10:15**

* **Journal on Guard-Bot (10 Min)**
  + Verbalize and write about what worked and didn’t work within their partners (group-working skills)
  + Write about what did and didn’t work in building robot
    - Gears
    - Legs
    - Final Assembly
    - Center of gravity
* **Discussion (5 min)**
* **Input, Output, Processing, Storage (10 min.)**
  + **Calculator**
* **Algorithms (task list) (10 min.)**
  + **journal, then discuss**
    - **How to make peanut-butter and jelly sandwich**
    - **How to open and walk through locked door**

**Break**

**10:30 – 11:30**

* **Programming Tutorial - Advanced Programming (Andrew)**
  + **Use all basic blocks**
    - **Try to cover up through “Data” but last tab**
* **Verbal Programming Quiz**
  + **What does this block do?**

**Lunch**

**12:30 – 2:30**

* **Line Following Design Journal**
* **Line Following Robot**

**Break**

**2:30 – 4:00**

* Program Line-Following Robot
* Line Following Challenge
* Journal Reflection
* Discussion