Friday 3/02/18 Meeting

AGENDA

- **Date, time:** 3/02/18, 3:00-5:00
- **Location:** Hitchcock 214/208
- **Objective for meeting:** Complete exploration 3
- **Action items:**
    - Figure out if electromagnet can pick up magnet
    - Finish exploration 3

Prospective Timetable:

3:00	Plan out goals for the day/divide up labor
3:15	Start finishing up exploration 3 and figuring out how the electromagnet works
3:30	Start working on mechanism to hold electromagnet and pick up/deposit wrench
3:45	^^
4:00	^^
4:15	^^
4:30	^^
5:00	Continue working on assigned tasks until it's time to go

NOTES

- Attendance: Avee, Kyle, Sarp, Sean
- Timetable
  - **3:00-3:30:** Avee and Sean worked to complete the RPS navigation portion of the exploration assignment while Kyle and Sarp experimented with the electromagnet
  - **3:30-4:00:** Avee and Sean finished up the RPS navigation portion of the exploration and started to work on the Data Logging portion while Kyle and Sarp attempted to pick up the wrench (and various other items) with the electromagnet
  - **4:00-5:00:** Avee and Sean struggled to write MatLab code for the Data Logging graph as Brennan laughed. Kyle and Sarp continued working with electromagnet and began thinking of mechanisms to get the magnet to lower itself to an appropriate height.
- Completed Action Items
  - Parts of Exploration 3
    - RPS navigation
    - Data Logging
    - MatLab graph
  - Figure out if electromagnet will work with wrench
    - It can hold the wrench, but picking it up will be a struggle. The magnet must be .25 inches away from the wrench to pick it up. A mechanism must be developed to do this.
- Uncompleted Action Items
  - Finish up the last little bit of Exploration 3
- Goals for next time
  - Develop mechanism to lower magnet to pick up wrench
  - Wire transistor for electromagnet
- Other notes: