# Topic: Hands on Step Building 

## Saturday, November 11, 2017 <br> 4:00pm-5:30pm

Minutes recorded by Riley
Meeting called by Madison
Attendees: All members

Table 1. Record of meeting.

| $\begin{aligned} & \text { 4:00pm-4:20pm } \\ & \text { 11/11/17 } \end{aligned}$ | Arduino <br> - Opening Arduino and looking at parts <br> o Discussed starting and intermediate steps <br> o Need more/stronger moters <br> o Maybe motor shield <br> - No internet, couldn't practice a handful of steps <br> - Postpone until next meeting | 1185 W <br> University Ave Clubhouse B |
| :---: | :---: | :---: |
| 4:20pm-5:20pm 11/11/17 | Step Building <br> - Peruse childrens toys and possible steps brought by Madison <br> - Kyle can convert a teeter totter into a milk pourer <br> - Marble set could act as one or two of intermediate steps <br> o Trampoline would be one, but need to repair cloth <br> o Funnel to catch <br> o Track with audible noises <br> - Hotwheels tracks could be another potential energy device <br> - Like the implementation of kids toys to improve fun factor <br> - Nerf gun possible but difficult to aim <br> - Need more marbles/metal bearings/balls <br> - Record step for video purposes | 1185 W <br> University Ave Clubhouse B |
| 5:20pm-5:30pm 11/11/17 | Plan for next meeting <br> - Assign tasks for the next meeting <br> - Set next meeting time <br> - Last minute updates if any | 1185 W University Ave Clubhouse B |

Table 2. Tasks Assigned.

| Task | Person <br> Assigned | Due Date | Date <br> Complete |
| :--- | :--- | :--- | :--- |
| Keep working on individual steps | All | TBD |  |
| Base design ideas | All | TBD |  |

Next formal meeting:
Wednesday, November 15, 2017 - DuBois Center RM 011-5:30pm

