The Globetrotters Notes – 4/13/17

# Feedback

* Meeting is moved to Friday @ 6:30 PM
* H-Bridge
  + Measure the 2 signals coming out of the H-bridge
* Core Material
  + McMaster Cart, Ranger
  + Buy Solenoid Material
  + Have much better Performance if we use an Iron Base
* Hall Effect Sensor
  + Construct PCB Boards to hold the Hall Effect Sensor
    - More sturdy & Precise
    - Maybe Donut Shape
* Coils
  + Straighten the wires can improve the efficiency
* Controls
  + 4 Hall Effect Sensor on Top
    - Can still be viable
    - Possibilities:
      * Turn off the current to the coils, so we have a more efficient readings from the coils
* PIC24EP
  + System Clock needs to be configured to be more accurate
  + Test if the ADC is working correctly
    - Test (High Priority)
      * Compare output with input and see if it is the expected value.
  + To Save Time
    - Switch back to internal clock
* Hugh Authorized to spend as much money as possible
* Buy Clear Globe
  + John wants to really see it
* Rig needs to be solid, in order for all the Hall Effect Sensors to be precise