Weekly report

1. **My *Goals* from last week**

* Housing and Electronics for Smart Dart
* Cellular Electron
* Begin Drop Tests

1. **My *Accomplishments* this week**
   1. Project 1: Smart Dart Electronics & Housing

* Manufactured the working Smart Dart system. I basically got the Smart Dart ready for the outreach event by putting together the electronics and making sure the system functioned well enough for a physical demonstration. This included a red led that would light up if the Smart Dart was tilted to a certain degree—the kids really liked this.

* 1. Project 2: Swarmathon Mars Rover Repair
* The files for the parts that needed to be replaced were obtained, adjusted, then manufactured and the rover should be as good as new by the end of today.
  1. Project 3: Mechanisms
* Began designing mechanisms for both the hexapod deployment and also for the smart dart deployment. Mostly the hexapod deployment—which is currently a light design.

1. **My *Goals* for next week**

* Mechanism Design: Smart Dart deployment system
* Drop Test Data: If we cannot get all of the data by the end of this week, we will get it next week.