Micah Lampert
Journal 11
2/26/18

Journal 11

2/20/18

Team/Group Members Involved:

- Mark
- Wes
- Sohum
- Austin
- Whole class

What I did:

- Weekly meeting
- Broke into subgroups
- Grinded down bolt so joint would fit
- Took rover off table
- Discussed changes to be made

What I learned(Implications of Work):

Today we started class by getting together for our weekly meeting. We discussed each teams goals for the week and their accomplishments in the prior week. After that we broke into our subgroups and began working on our own things. I started off with grinding down a bolt so that one of our front universal joint would fit. After that we then took the rover off the table for the first time. We were going to have Mr. Cribbs stand on it, but since we did not have all of the struts in place to brace the rear axle, it bended whenever weight was on it. We then discussed attaching the struts to brace the rear axle.

2/22/18

Team/Group Members Involved:

- Whole class

What I did:

- Test drove rover

What I learned(Implications of Work):

Today we actually managed to test drive the rover for the first time, which was exciting. While we were test driving we noticed that the chain leading to the rear axle would pop on the rear gear. We also learned that whenever we turned the wheels too far the wheel would get caught in the seat and would lock up the axle, also we learned that one of the gears on the common axle was getting locked up since it was rubbing a bolt.

2/24/18

Team/Group Members Involved:

- Mark
- Wes

What I did:

- Fixed chain tensioner
- Test drove rover
- Discussed attaching handles

What I learned(Implications of Work):

Today I started off with fixing the chain tensioner, which I had originally attached backwards. After that we test drove the rover inside. I actually got to drive it, which was a lot of fun. We had trouble though, since the chain leading to the rear wheels repeatedly would pop on the gear. After driving the rover we discussed how we might attach a tensioner onto the chain going to the rear axle, so that it would stop popping on the gear. We then discussed placement for handles that the drivers could hold onto.