

Journal 01

DATE: 11/28/17 Class Time

Team/Group members involved:

- Whole Class
- Chassis Team - Mark, Austin, Wes, Sohum

What I did (bulleted work summary):

- We got together as an entire class to discuss assignments and roles
- Discussed deadlines and future events we needed to be aware of
- Discussed rubric and grading process
- Chose which sub group we would like to be a part of
- Discussed with subgroup what our objectives would be



What I learned (implications of work):

Today was incredibly helpful for me because it brought me up to speed on several things. For one it really helped me to meet the people on the team and learn their names. Also I learned about deadlines and assignments that I would need to get done. Today we mostly did not go over the chassis because we were not in our sub groups for long but I did get some of the broader information about things like its design and configuration. Also I learned about some of the constraints that we would have to work around.

DATE: 11/30/17 Class Time and after class free period

Team/Group members involved:

- Whole class
- Chassis Team - Mark, Wes, Sohum, Austin

What I did (bulleted work summary):

- We discussed more specific parts of the rover design
- Discussed differences between the rover we are currently designing and past rovers
- Completed Hands on tool quizzes
- Discussed different components that we would need and where to find them



What I learned (implications of work):

Today I was informed about more specifics about our current rover and its differences to past rovers. One of the most important parts that I learned about was that we would be doing a side by side design instead of having the two riders facing opposite directions. I also learned about how this rover would be much smaller than past rovers to reduce weight and more easily fit into the size constraints of 5x5x5 that are specified by the competition. I also completed several hand on tool quizzes which allow me to do more in terms of actually building the rover since I can use them. I also discussed with one of the team members what parts we would need and wondered if I possibly had some that we could use since I have some that could be useful. I also downloaded Fusion 360 and started practicing with it so that I could be more useful in the actual design of the rover.

DATE: 12/2/17 FLL competition booth

Team/Group members involved:

- Mary
- Kavita
- Wes
- Mark

What I did (bulleted work summary):

- Stayed by the rover so that I could explain information about it to anyone curious
- Tallied how many people asked about it
- Transported it back to the design den and helped to clean up

What I learned (implications of work):

During the FLL competition we set up the rover so that people could see it and ask about it. Our team did this because we need a certain amount of people to ask about it for submission to NASA. We had 63 people ask about the rover, about 30 of those people asked during the 2 hours that I was there. After the competition we had to transport the rover back up to the design den and also move around some of the other materials used by the competition during this time I got to better know several of the other people on our team.