

**What I learned (implications of work):**

I was able to finish welding my legs and the seat top. I learned that using tools to hold up the metal at 90°, is very helpful while welding. I also learned that it is very tedious to put down instructions, and get the information just right for sign-ups. What went well was that I had finished both of the sign-ups and that they were sent out. What went wrong was that parts of my my legs were too short on one side, so I will have to fix that. A thing that I would have done differently next time, was to check to make sure that none of my legs were too short, or going at an angle. Today I had also worked on my bio, and I had learned how you have to fit only the most important details, and to get them into the short two sentences that you can. Today I had also updated a lot of both the STEM Engagement and 17' Smartsheet, because they were a lot of changes that had happened last week, that I had to change for the 17' smartsheet. Advice to others following in my footsteps is to enjoy your work, because if you are not enjoying it, then why are you doing it.

**DATE:** 1/25 After School

**Team/Group members involved:**

The Class

**What I did (bulleted work summary):**

- I helped take off and put on wheels
- I helped glue wheels together



### **What I learned (implications of work):**

Since I was only there after school for around 35 minutes, there was not much I could do, but I did try to help out the best way I could. Kavita needed help with gluing, so I helped her there. Then I helped cut and take off wheels and put them back on. What went well was that when I was there everyone around me was very productive, and was all getting stuff done, and checking those things off the list that had to be done. What went wrong was that because of my schudule, I am not able to help out more than I would like, and that I would like to be more involved. Some decisions that were made, was that after we put on the wheels, that sohum and the rest of the team agreed that we should move a plywood and resign to the front, and leave the other plywood and regular wheel on the back, so we all had a plan so when the next time that we came in, we knew what we had to do. I would not have done anything different next time, because it was a very productive day. Some advice for others would be to help out whenever someone needs your help, because they just need a hand, and you have the ability to stop what you're doing and help them.

**DATE:** 1/26 - Class/ Free

### **Team/Group members involved:**

The Class

### **What I did (bulleted work summary):**

- My dad dropped a welding table on my foot
- I welded the rest of my footrests onto my stool.
- I helped put on a wheel.
- I taught kavita and grant how to tighten the differentials.
- We test drove the rover, I was not able to drive because injury.



**What I learned (implications of work):**

I learned many things about safety and personal care today with how not only tools are dangerous, so are tables. I also had learned a lot about how to fill gaps that you have between metal when welding, and that you use scrap metal to fill the gap. I was not able to work much today, because my injury made me visit the nurse many times. What went wrong was that my dad dropped the folding welding table on my foot. What went well was that the team was able to finish putting on the wheels, and that we were able to test drive, and see how the wheels held up under pressure. If I could have done anything different next time, I would not bring my dad into the design den, and I would have put on my boots the very first second I stepped into the den. My advice for others is to always be prepared for everything, and to think ahead of situations that might happen.

**DATE:** 1/27 Weekend

**Team/Group members involved:**

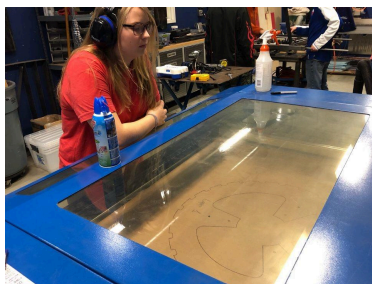
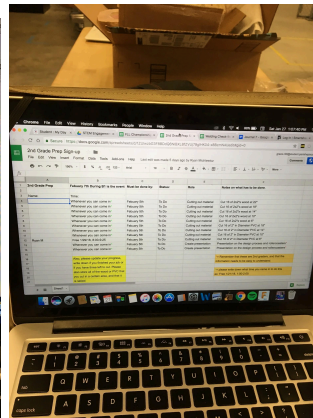
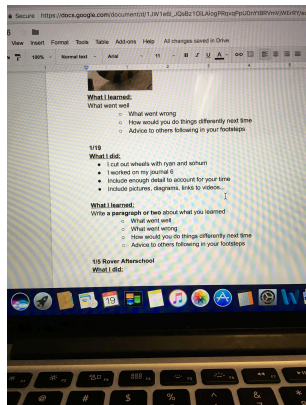
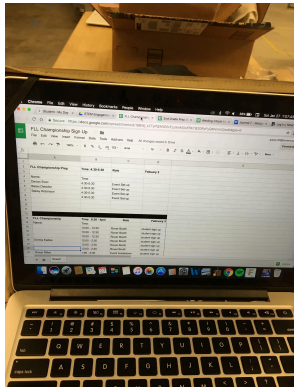
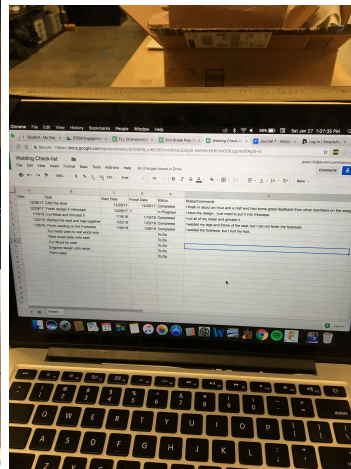
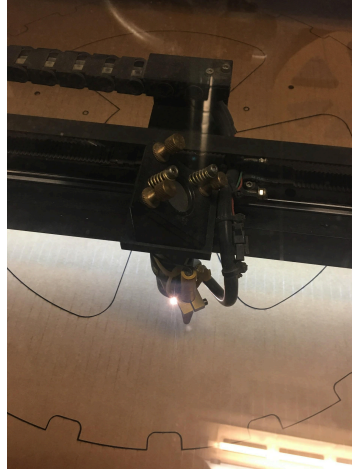
The Class

**What I did (bulleted work summary):**

- I cut layer 1 and 2 of the wheels many times
- I worked on my journal



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During this weekend, My foot was just injured, so I was not able to do very much in a movement sense. What went wrong was that my dad dropped the folding welding table on my foot, therefore, it halted my moment and my availability to help others out with things. What went well was that the wheel team got a lot of their wheels cut out, and that we are progressing in what we are doing for the team. I learned a lot of new things

with the laser cutter, and how finicky it can be on some days, and that you have to change the settings constantly and that they may never be reliable. I do know that the telemetry team is in a little of a rut in their programming, but they are trying to make it simpler and get it all onto a smaller area. I also learned that to get people's attention, you literally have to write out what you want them to do in big letters on a board. It was really interesting to me to see how having those sign-ups accessible where you can sign up in real life made people sign up, where's nobody had signed up online. If I could have done anything differently next time, I would have liked to have started on preparing the 2nd grade materials, and had gotten the presentation done. My advice to others is when in the face of weakness, rise above and fight through it.

**DATE:** 1/29 - After School

### Team/Group members involved:

The Class

### What I did (bulleted work summary):

- Cut 6 and 10 and 22 inch wood for 2nd Grade
- Edited journal
- Edited FLL sign up
- Edited 2nd grade sign up
- Helped Mary send an email to keefeer about call boards/ maintenance
- Found total of stem engagement numbers of how many people we have
- Worked on stem engagement form
- Helped makins watch/cut a wheel
- Did media form online
- Worked on briefing slides
- I cleaned up the den, and had to clean up grants mess that he left

FLL Championship Sign Up

File Edit View Insert Format Data Tools Add-ons Help

All changes saved in Drive

Comments

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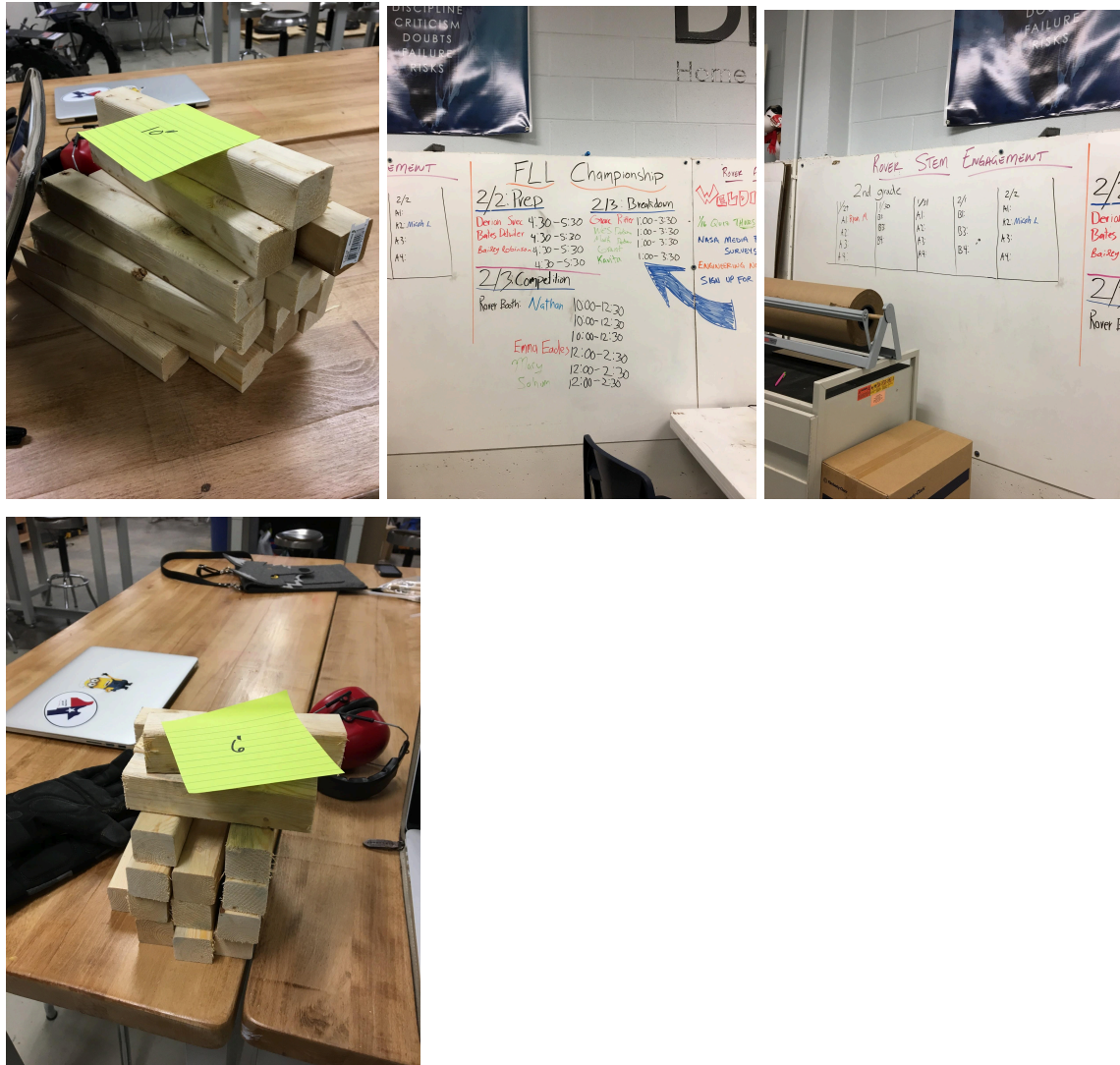
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### **What I learned (implications of work):**

What went wrong was that grant had not cleaned up his area, so I had to wait after 6, and clean it up and I wasn't able to go get out of the den till 6:25. What went well, was that I helped get the wood cut for the 2nd Grade STEM Engagement. What also went well was that we almost have all of the slots filled up for volunteering for FLL Championship. I would not have done anything different next time, because it was a very productive day, and I got a lot accomplished for STEM Engagement. Also the rest of the team went outside and tested the wheels and the rover. Today was a good day for advancing a lot of STEM Engagement things that had not been focused on recently because of conflicts with trying to finish and work on other subgroups. Refurb this week was very efficient at progressing the wheel progres and helping it get further along to finalizing the wheel. Because the refurb team is helping the wheel team, we are progressing the refurb team, because once the rover team comes to a consensus on

what wheel design we are using, the refurb team will be able to start cutting the wheels for 17'. At the end of this week I realized that I did not work in CAD at all. We did not need CAD this week, because Refurb worked on cutting out, gluing, and helping to test drive the wheels. Because we're testing, the wheel/rover team has not come to a consensus on what wheel design we are using, so we did not have to go into CAD to try to design anything, because we haven't decided which one that we would need to modify for refurb. During today I cut a lot of wood, and I had to focus and be very careful with my measurements. My advice to others is to keep striving to accomplish the tasks you are assigned.