

Rover Journal

Grace Ritter
Journal 1
Date Due 12/4/2017

Journal 1

DATE: 11/27 - After School 4-6pm

Team/Group members involved:

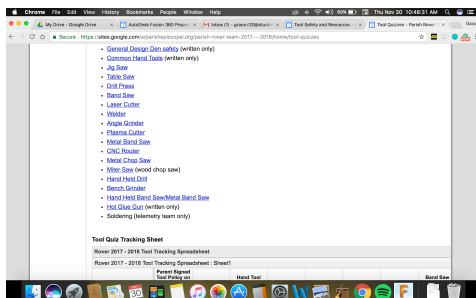
Mary Uloth
Emma Eades
Kavita
Katie Wall

What I did (bulleted work summary):

- I took online tool quizzes because there were new that came out, and I had wanted to complete them.
- I also took two hands on quizzes. I took the Jig Saw and the Table Saw.



Rover 2017 - 2018 Tool Tracking Spreadsheet - Sheet1								
Independent or Supervised			Independent	Independent				
Grace R	Y							
Teacher Demo					9/25/2017	10/26/2017	11/27/2017	9/25/2017
Written Test 100%		9/13/2017	9/13/2017		9/13/2017	9/13/2017	9/13/2017	9/13/2017
Performance Test 100%					9/25/2017	11/2/2017	11/27/2017	9/25/2017
Independent or Supervised			Independent		Independent	Independent	Independent	Independent
Bailey R	Y							
Teacher Demo					9/1/2017		11/16/2017	9/6/2017
Written Test 100%		R/28/2017	R/28/2017	R/29/2017	R/29/2017	10/26/2017		R/29/2017



What I learned (implications of work):

I learned how to use the Jig Saw and Table Saw. I had to take the online quizzes for both and earn a 100 or whatever is the perfect score on the quiz, before I was able to take the hands-on quiz. You can find the quizzes in the resource tab on OnCampus, then click on Design Den. Most of our team is on schedule for completing the online quizzes, before they are due. Having these online and hands-on quizzes done really helps the team progress, as we are getting into the time where we are starting to physically build the rover, and we need people to know how to safely use the tools. What went well was that I completed all of my online tool quizzes, and I completed two more of my hands-on quizzes. Nothing went wrong during this time after school. I would not do anything differently next time because it was a very productive day. Some advice that I would have for others is to do work ahead of time, so you do not have to worry about the deadline approaching later.

DATE: 11/28 Class

Team/Group members involved:

The Class

Logan Krohn

What I did (bulleted work summary):

- I listened and received new information that I would need for class this year, by ways of Ms. Makins.
- I also cut a board in half for Logan Krohn for one of his art projects on the Miter saw(wood).
- I also met up with the 17' Rehab team, to look at the all the things we have to do to change it for the race.
- I also met up with the STEM engagement team to talk about the FLL competition that is coming up on Saturday.



	Task Name	Start	Finish	Assigned To	Duration	Predecess...	Stage	Status	Comments
116									
117	Rover '17 Refurb								
118	Wheels (40%)								
119	Design Wheels								
120	Cut Wheels								
121	Assemble Wheels								
122	Gear Ratio								
123	Seat Restraints (10%)								
124	Hinge								
125	Redesign								
126	Materials Order								
127	Fabrication								
128	Reports	02/08/18	03/08/18		21d				
129	Technology (wheels)	03/08/18	03/08/18		1d				
130	Educational Engagement	03/08/18	03/08/18		1d				
131	Best Report Award	03/08/18	03/08/18		1d				
132	Neil Armstrong Best Design Award	03/08/18	03/08/18		1d				

Task Name	Start	Finish	Assigned To	Duration	Predecessors	Stage	Status	Comments
STEM Engagement/Community Service								
Clarify terms for Engagement/Service	09/15/17	10/04/17	Mary, Kavita, Makim	20d			In progress	
Brainstorm opportunities for engagement/service	10/05/17	10/10/17	Grant, Grace, Mary, Grace	6d			Completed	
Organize team by engagement/service opportunities			Grace, Kavita, Mary				In progress	
Load opportunities in team Google Calendar	11/15/17	11/15/17	Grace, Kavita, Mary	2d			Completed	
Open House	11/15/17	11/15/17	Grace	5d			In progress	
Submit Open House contact sheet to NASA	12/02/17	12/02/17	Grace	1d			In progress	
FLL Qualifier hosted at Parish	11/30/17	11/30/17		1d			Completed	We're after
Pack Registration packets for Parish FLL Qualifier	12/04/17	12/04/17	Grace	1d			Completed	
Submit FLL Qualifier contact sheet to NASA Team 2	12/04/17	12/04/17	Grace	1d			Completed	
Submit FLL Qualifier contact sheet to NASA Team 1	12/04/17	12/04/17	Grace	1d			Completed	
FLL Championship setup	02/02/18	02/02/18		1d			Completed	
FLL Championship hosted at Parish	02/03/18	02/03/18		1d			Completed	
Hilcrest Rollercoaster Talk							Completed	
Engagement hour deadline	03/06/18	03/06/18		1d			Completed	

What I learned (implications of work):

I learned that planning helps work out what you need to do in the future. What went well was that Rover had officially started. I was very excited to go into the teams that I would be working with this year, and learning all of the new things that rover has to do this year. In both the 17' rehab team and the STEM Engagement team, we worked through what we had to do in smartsheet and planned what needed to be fixed, and what events we could do. What went slightly wrong was that I was one of the only people certified in a tool, and I had to be seized away from class to cut a piece of wood for Logan. But I was it wasn't really something bad at all. I would not do anything differently next time, because it was a great way to start class. My advice for others is to take a chance and join something, you never know if it may become a passion for you.

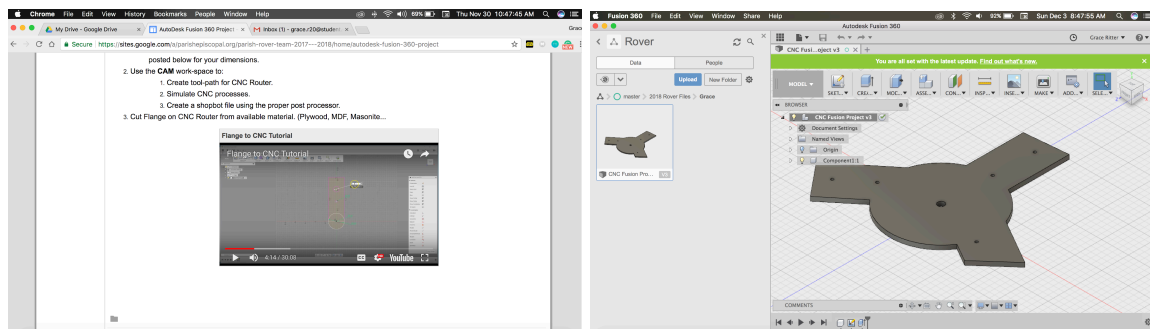
DATE: 11/30 - Class

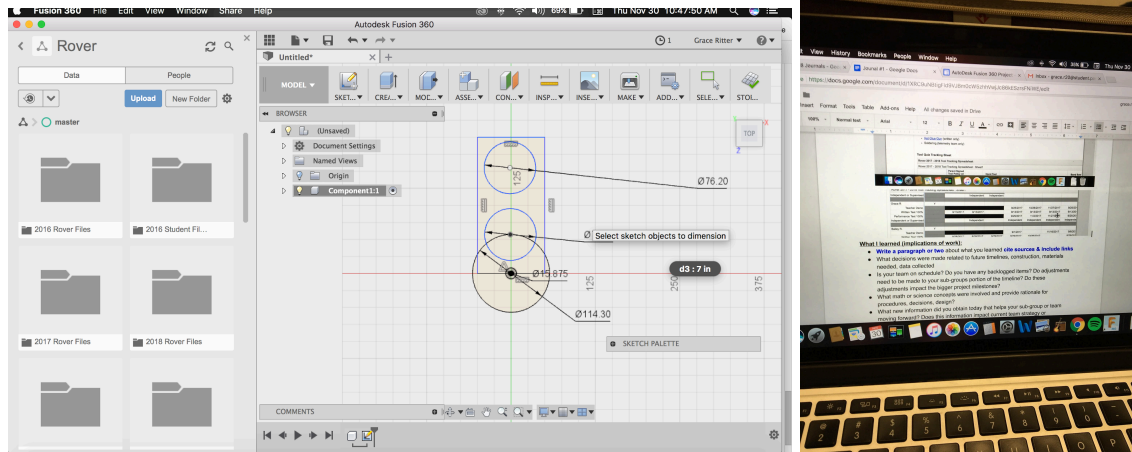
Team/Group members involved:

The Class

What I did (bulleted work summary):

- I worked on my autofusion project, but I ran into several problems, fixed some, but I ran into a problem with the dimensions that I had set, and I decided it was easier to start over other than keep going.
- I also worked on my journal.





What I learned (implications of work):

I learned how not to make a flange in Autodesk 360. During class I tried to get ahead of the crowd and make a dent in the project, because I knew I had struggled with the project last year. Many things went wrong, and I was able to fix most of them, but I ran into a situation with dimensions, and my straight lines turned into crooked lines. If I could have done anything differently next time, I would have even more questions that I had to try to avoid that situation. I realized that after the dimensions situation, that it would be easier to start over and try again. What went well was that I was able to work on my Journal in the short time I had before class ended. My advice to others is to make mistakes. Everyone does it, and it helps you figure out how to do it right and better the next time.

DATE: 11/30 After School 5:30-6:00pm

Team/Group members involved:

Sohum

Ms. Makins

Nathen

What I did (bulleted work summary):

- I sent an email to the officials of NASA for submitting our most recent STEM engagement work.

Parish Episcopal School Team 1 STEM Engagement 11/30/17 grace.r20@student.parishepiscopal.org

File Edit View Insert Format Tools Table Add-ons Help Last edit was 3 days ago Comments Share

100% Normal text Calibri 12 **B** *I* U A X Y Z 1 2 3 4 5 6 7

Educational Engagement Form

Please complete and submit this form each time you host an educational engagement event.

(Return within 2 weeks of the event end date)

School/Organization name: **Parish Episcopal School Team 1**

Date(s) of event: **11/29/17, 11/30/17**

Location of event: **Medical City Children's Hospital Dallas, TX**

Instructions for participant count

Education/Direct Interactions: A count of participants in instructional, hands-on activities where participants engage in learning a STEM topic by actively participating in an activity. This includes instructor-led facilitation around an activity regardless of media (e.g. DLN, face-to-face, downlink.etc.). Example: Students learn about Newton's Laws through building and flying a rocket. This type of interaction will count towards your requirement for the project.

Education/Indirect Interactions: A count of participants engaged in learning a STEM topic through instructor-led facilitation or presentation. Example: Students learn about Newton's Laws through a PowerPoint presentation.

Outreach/Direct Interaction: A count of participants who do not necessarily learn a STEM topic, but are able to get a hands-on look at STEM hardware. For example, team does a presentation to students about their Rover Challenge project, brings their rocket and components to the event and flies a rocket at the end of the presentation.

What I learned (implications of work):

What I learned, was that if you are sending an email/information to a person who has never received information from you before, it is best to copy a person that they do know, to help them understand from where the information is coming from. Submitting this report has helped both of the parish teams get closer to the required numbers that we need for the competition. The team is on schedule with turing in the reports. What went well was that we got the form filled out and submitted the day we did the outreach, well in advance of the due date. The only thing that went wrong was that my computer had died, so i had to finish the report when I had gotten home. Next time I would make sure that my computer was charged so that I could have finished it before I went home. I would advise others to charge your computers, and to finish work ahead of time, so you do not have to worry about the deadline approaching later.

DATE: 12/2 FFL Competition 8:30am-4:30pm

Team/Group members involved:

Some of the class

What I did (bulleted work summary):

- I worked as MC for the event.
- I also helped clean up the event.



What I learned (implications of work):

I learned how to address a crowd and keep things running in order. Having other people help out at this event, helped us get some of the required hours that we need for class. What went well, was that it was a great competition, and I had a great time helping out. What went wrong, was that I may have fibbed a few times and said go instead of lego. I would not do anything differently next time, because it was a great event. Some advice that I would give to others would be to stand up and try new things, even if you do not like public speaking you will surprise yourself sometimes.