


Log Book

Science Fair 2024

By: Eyasu

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Started on oct.7th 2024



Oct.7th 2024

Day 1 of working on the science fair:

Today I gave my science fair sheet to my science teacher, I Also though up the question for my science fair project. The question is can static levitation be more efficient for moving things than robotic limbs? I also got this idea from this video: <https://www.youtube.com/watch?v=uavylcFj4GA>

Oct.13th 2024

Day 2 of working on the science fair:

Today I researched more information for my science fair project, and gathered references to read later for more information.

Oct.14th 2024


Day 3 of working on the science fair:

Today I had a meeting with my science fair teacher about the science fair and sharing and starting our background research. Then at home I made a google docs for my background research and shared it with my science teacher. The meeting was also about completing all of the forms/documents needed for the science fair, then after school the teacher shared the forms/documents to me and the other contestants.

Oct.19th 2024

Day 4 of working on the science fair:

Today I got more research links for my science fair project background research for me to use later to write down more background research. I also started reading the pdfs that the teacher sent to me and the other contestants. I also separated my research into two parts, the first of which is theory of what I will do, and the second part is how I will actually do it.



Oct.10th 2024

Day 5 of working on the science fair:

Today I got more research links for my science fair project background research for me to use later to write down more background research. I also continued reading the pdfs that the teacher sent to me and the other contestants. I also started some thought on what device to use to make static electricity.

Oct.2th 2024

Day 6 of working on the science fair:

Today I got down some more research and wrote a little.

Oct.23th 2024

Day 6 of working on the science fair:

Today I got started writing and wrote down a good chunk of research. I also read through the documents that the teacher had sent me. I also found the division topic that my project would fall under. I also wrote down why Earnshaw's theorem would not stop my project.


Oct.24th 2024

Day 7 of working on the science fair:

Today I had a meeting with the teacher organizing the event and the other contestants, about the forms that we were supposed to read. Then I started writing the science fair initial form so that I could enter and compete against others.

Oct.29th 2024

Day 8 of working on the science fair:



Today I had a meeting about the rules and learned the expectations of a experimental project and the depth and detail required. I also got into the science fair with some of the other contestants. We also were told about the requirements that we had to complete before the next meeting which is a month away. We also were invited to the Cysf platform. I also started on my materials, and started brainstorming for the procedure.

Nov.3rd 2024

Day 9 of working on the science fair:

Today I continued with one material on my list and nearly completed it.

Nov.4th 2024

Day 10 of working on the science fair:

Today I continued working on the research and started writing about Coulomb's law.

Nov.6th 2024

Day 11 of working on the science fair:

Today I worked on materials and began getting a better understanding or idea of the plan of how I will create and do my experiment. I also almost completed one material on the material list.


Nov.9th 2024

Day 12 of working on the science fair:

Today I worked on materials and began getting the idea of what other materials I would need.

Nov.10th 2024

Day 13 of working on the science fair:



Today I worked on the materials list and realized a way to make the project much, much safer, easier, and less time-consuming by getting 1 specific material that could do the job of a lot of others combined. I also completed 1 and nearly completed another material and deleted 2 materials off the list

Nov.11th 2024

Day 14 of working on the science fair:

Today I continued work on the materials list.

Nov.12th 2024

Day 15 of working on the science fair:

Today I continued work on the materials list.

Nov.25th 2024

Day 16 of working on the science fair:

Today I had a meeting along with the other participants about when the next meeting and when we would have to be done the forms and background research.


Nov.30th 2024

Day 17 of working on the science fair:

Today I continued working on safety forms that I had to complete to compete in the science fair.

Dec.1st 2024

Day 18 of working on the science fair:



Today I continued working on safety forms that I had to complete to compete in the science fair.

Dec.2nd 2024

Day 19 of working on the science fair:

Today I continued working on safety forms that I had to complete to compete in the science fair, and I finished the forms.

Jan 1st 2025

Day 20 of working on the science fair

Today I continued working on the procedure, the chart and more.

Jan 5th 2025

Day 21 of working on the science fair

Today I continued working on the procedure, the chart and more.

Feb 10th 2025

Day 22 of working on the science fair

Today I finished the chart and continued work on the procedure.


Feb 15th 2025

Day 23 of working on the science fair

Today I finished the chart and continued work on the procedure and I finally moved everything from the google docs to the cysf page.

Feb 17th 2025

Day 24 of working on the science fair



Today I continued work on the procedure and I started preparing the necessary materials for the experiments.

Feb 28th 2025

Day 25 of working on the science fair

Today I continued work on the procedure and I started preparing the necessary materials for the experiments.

March 1th 2025

Day 25 of working on the science fair

Today I continued work on the procedure and I started doing my experiments.

March 2th 2025

Day 26 of working on the science fair

Today I started working on the analysis and observations.


March 8th 2025

Day 27 of working on the science fair

Today I continued working on the analysis and observations and finished the observations.

March 9th 2025

Day 28 of working on the science fair



Today I continued working on the analysis and observations and finished the observations and anylsis, and nearly everything else.

March 13th 2025

Day 29 of working on the science fair

Today I Finish and submitted the images for the presentation and finished everything except for the video and attachments because I have not handed in the logbook yet.

March 16th 2025

Day 30 of working on the science fair

Today I Finish and submitted the images for the presentation and finished everything except for the video.