

Logbook Science Fair 2023 - 2024

Coming up with our idea

Oct. 25

Today we came up with our plan for our project. We have decided to create a hydraulic elevator that could be part of an ocean side building. We haven't gone into the small details as much but we will discuss that over the next few weeks.

Working on slideshow presentation

Nov. 1

Today we started creating our slideshow for our presentation. This will definitely need more work but it is now started! We will likely start to create many rough diagrams in time.

Continue work on slideshow

Nov. 11

Today we continued working on our slideshow presentation and started brainstorming ideas for our research. We also went over the main ideas of hydraulic systems and did a review on the Mix and Flow of Matter unit from grade 8.

Starting Research Work

Nov. 27

Today I, Celia, found many links that will help us jump into our research and learn more information for our project. We will continue to research over the next few weeks.

Research

Nov. 30

Over the last few days we have continued to research the questions that we have set out to research. We will continue researching our chosen questions and possibly create some follow up research to go with them.

Trifold

Dec. 18

Today we got our trifold! We do not yet have enough information to work on it, but we will continue to research and design to complete our project.



Research

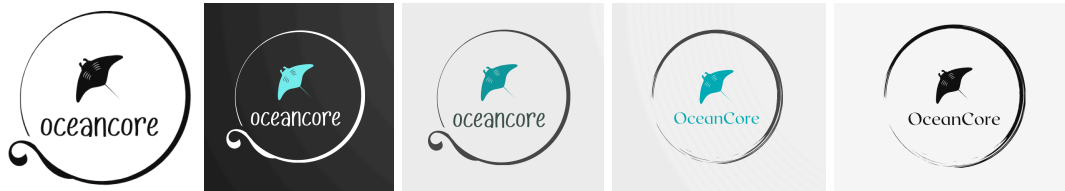
Jan. 1 - 15

Over this span of time we have spent much time researching and have finally completed our research and our follow up research for our project. Onto the next stage of work.

Logo + Planning

Jan. 17

Today we started to plan out details for the building we are designing. Here are some of the possible logos that we created. We also continued some work on our main building blueprints and chose the name of our building; OceanCore.



Starting the Model

Jan. 26

Today we hope to start building our model of the building that we have designed. We have also discussed the chosen logo below. Maybe if we are working efficiently we will have time to think of our trifold design.



Formatting

Jan. 31

Today we continued formatting the research we have collected for our trifold. This process may take a while so we will keep working on it. Later we will paint our model and once it is dry start building.



Finish Formatting

Feb. 5

We finished formatting and now we are moving onto the model and finishing up our presentation. We are also just printing out all of the important information and images for our trifold.

Final Stretch!

Feb. 5 - 9

This last week of preparation was the most challenging to complete. We filled this week with hours of final touches on our trifold, presentation, and model. We are so glad that we were able to make it this far with everyone who helped along the way

Science Fair

Feb. 9

Today is the day of the school science fair! We can't believe how far we have come and we are so excited to present our science fair project to everyone there. We hope that they all enjoy it. And thank you for reading and listening to all of our work so far in this project.

After the science fair

Feb. 9

The science fair was exhausting! We are so tired but we had so much fun sharing our project with the judges and students that came to see! We think that our science fair went pretty well for us although we can already see improvements to make. Now we will wait to see if we get into the city science fair!

Accepted!

Feb. 12

Today the results of the school science fair were released and we made it to the city science fair! We know there is still more work to be done, so now we can wait to get some feedback from our judges.

Feedback

Feb. 27

Today we got some feedback from the judges at our science fair and we will attempt to revise our project to improve it even more. Here is our feedback below



Ocean Elevator

- Pair presented as a team, taking turns in presenting different elements of the project.

- Log book included several hand drawn sketches - PERFECT! This shows the work being done in process rather than "cleaned up" on a computer word processor or such afterward. The content was shy for the length of investigation undertaken, but the format was notable in a good way.

- The goal of the project was stated clearly, although it did seem that there was more effort put into a design concept rather than research to develop why a saltwater elevator would be a good choice (and reasons why it wouldn't, such as corrosivity of the fluid).

- Lots of good content put into a slideshow on laptop - more info than could be read thru in the time allotted for judging, it provided more in-depth info to build off the tri-fold display

Generalized, delving deeper into the specifics would help the project

Further work

Mar. 12

We have been brainstorming more questions to improve our project and are going to continue work and research on our project to follow some of the feedback provided that we were given. As of this entry all further entries and edits will only be seen on our paper copy of the logbook because we will include this current version into the CYSF platform along with any other needed information and components.

