SCIENCE FAIR DAILY JOURNAL

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| DATE | COMMENTS | QUESTIONS | DUE DATES |
|  | [From Brine to Beverage: Solar-Powered Salt Removal | Science Project](https://www.sciencebuddies.org/science-fair-projects/project-ideas/EnvEng_p027/environmental-engineering/solar-powered-salt-removal) | none | none |
| Nov./23/2023 | Got clarification on our project proposal | none | none |
| Nov. 30 2023 | Started our research | none | none |
| Dec. 7 2023 | Got on to the CYSF platform. | none | none |
| Dec. 21 2023 | We are working on getting some forms filled in for CYSF to approve our projects. | What's an Independent variable? | none |
| Dec. 26 2023 | OUR ETHICS FORM GOT APPROVED!!!!! | none | none |
| Jan. 11 2024 | Started working on our background research | How are we going to measure the amount of salt that is left in the water? | none |
| Jan. 18 2024 | Got help on how to measure the amount of salt left in saltwater. Going pretty good so far! Mrs. Webber sent out an email to find one. | Can we buy or find a multimeter? | Jan. 18 2024 |
| Jan. 25 2024 | Doing some research on a multimeter. | How does a multimeter work? | none |
| Jan. 30 2024 (study block) | Doing some more research. Found some youtube videos on how to make a desalinator. | none | none |
| Jan. 30 2024 (At home Ava) | Doing some more research at my house. | Which one is better: the multimeter or the refractometer? | none |
| Jan. 30 2024 (Both of us at home) | Asked our parents about buying the multimeter. |  | none |
| Feb. 1 2024 | Doing more research about multimeters and working on our CySF procedure. | What salt measurer should we use? | Jan. 18 2024 |
| Feb. 1 2024 | We found a handheld salinity meter. It tests the temperature in celsius and fahrenheit! | none | none |
| Feb. 1 2024-at home facetime | Both of our moms said yes to have a playdate to start testing our saltwater! | none | none |
| Feb. 8 2024 | We found a salinity meter and it had great reviews! | none | none |
| Feb. 8 2024 (At Home-Facetime) | Catching up!  Working on the materials we need. | none | none |
| Feb. 11 2024 (At home-Brooklyn) | Working on how to make our desalinators. Made a test desalinator | none | none |
| Feb. 20 2024  (At Brooklyn’s house) | We are making our desalinators and making our trifold! |  | none |

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| Feb. 21 2024  (At brooklyn’s house) | Our desalinators failed so we are testing a new method. | Why did the coldest desalinator produce the most amount of freshwater? | none |
| Feb. 26 2024 | Reading more about what to put on our trifold (On google classroom) and researching. | none |  |
| Feb. 27 2024  Feb. 27 2024  (At Brooklyn's house) | Tested our desalinators and worked on our trifold. | None  none | None  none |
| Feb. 28 2024  (At school) | Working on our results and conclusion for the science fair. | What are we going to do if any other of our tests aren’t working? Is the salinity meter working properly? | none |
| Feb. 28 2024 (At home Brooklyn) | Working on the google docs for our trifold. Worked on our trifold some more. | none | March 4, 2024 |

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| Feb. 29 2024 | Figured out how we are going to do our results. | none | none |
| Mar. 1 2024 | Working on our results | none | none |
| Mar. 2 2024 | Working on the discussion and summary. | none | none |
| Mar. 3 2024 | Glued our information on the trifold. | none | none |
| Mar. 4 2024 | Working on our oral presentation. | none | none |

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| Mar. 4 2024  (At home Ava) | Worked on our oral presentation. | none | none |
| Mar. 5 2024  (At home Ava) | Researched some more. | none | none |
| Mar. 5 2024 | Glued pictures onto the trifold. Practiced our presentation, and did some more research. | none | none |
| Mar. 5 2024 | Research about the water cycle. | none | none |
| Mar. 6 2024 | Mrs Webber checked our script and we printed it! | none | none |

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| Mar. 6 2024  (At home Ava) | Worked on our names and letters to put on our trifold. | Is this font size too big? | March 7, 2024 |
| Mar. 7 2024 | Set up for science fair tomorrow, and practiced our presentation! | none | March 8, 2024 |