

Log Book

September 23, 2024: We began brainstorming ideas for the project.

September 30, 2024: We created our logbook to track our progress.

October 7, 2024: We finalized our project idea and started searching for the necessary supplies.

October 14, 2024: We discussed the supplies we would need, assigned tasks, and planned how to split the costs.

October 21, 2024: We began creating a rough draft and started working on identifying the problem.

November 18, 2024: We started creating the introduction using Canva.

November 24, 2024: We completed the introduction and began working on the hypothesis.

November 25, 2024: We finalized the hypothesis and started focusing on the main research question and problem.

November 29, 2024: We completed the problem section and started exploring our idea further.

December 2, 2024: We identified the necessary supplies and planned to purchase them over the weekend.

December 6, 2024: We purchased the supplies and began working on the analysis section.

December 7, 2024: We finished the analysis and completed the conclusion.

December 28, 2024: Today, we started coding our walking stick project. We worked on the method and got it started. It was cool to see how everything is starting to come together!

January 3, 2025: We finished building the walking stick. And got started on the testing. While testing we noticed that the stick didn't work on corners. We concluded that this was because the corner that the ultrasonic sound from the sensor, bounced onto didn't have enough surface area, causing the sound to not bounce back to the sensor.

January 6, 2025: We went to science club and got tips from our teacher on how to make a catchy title.

January 13, 2025: We went to science club and got tips from our teacher on how to present our project.

January 19, 2025: We made some final edits and adjustments to the stick and our slides for our project.

January 20, 2025: We bought the trifold, and got everything printed out to put on the trifold. We started by cutting everything out to fit the trifold, then we laid everything out on the trifold to make sure it all fit. And last we glued everything to the trifold.

January 21, 2025: We did a test presentation in front of our science teacher after school. She gave us some feedback about our project and we used it while making our flashcards for the science fair presentation judging day.

January 22, 2025: We prepared to present our project for our school science fair judging.

January 24, 2025: There was an assembly held to announce the science fair winner. We found out we got 1st place in our school

science fair. We were told we would get our metals on a later date.

February 27, 2025: We went to science club, out teacher Ms.Kale started explaining how to make an account and sign-in. We also started on the Basic Project Info, Ethics Due Care 2A, and Declaration.

February 24, 2025: We received our gold metals for winning 1st place in the school science fair.

March 3, 2025: We went to Science Club and continued working on our CYFS project.

March 10, 2025: We went to Science Club and focused on developing the hypothesis and conducting the analysis. We formulated a hypothesis based on existing knowledge and began analyzing data to identify key patterns and variables, laying the foundation for the project.

March 17, 2025: We went to Science Club and worked on gathering research and identifying

the source of effort. We collected relevant materials to support our hypothesis and identified key resources, including people and tools, necessary for the project's success.

March 24, 2025: We went to Science Club and concentrated on forming the conclusion and documenting observations. We drew conclusions from our research and recorded detailed observations to track experiment progress and identify any unexpected outcomes.