

# Science Fair Log Book 2026

November 19th, 2025

- The first Science Fair Meeting
- All grades met together in the Learning Commons/Library in the 2nd half of lunch
- Science fair forms and planning sheets were handed out

November 26th, 2025

- The second Science Fair Meeting
- Grades 7-9 met in Mr. Hagen's Room for the entire lunch period
- Mr. Hagen explained the CYSF Platform

December 3rd-17th, 2025

- The Third, Fourth and Fifth Science Fair meetings took place
- Mainly project idea brainstorming and planning

December 19th, 2025 to January 5th, 2026

- **Winter Break**

January 7th, 2026

- The Sixth Science Fair Meeting
- We get registered on the CYSF Platform
- Basic Project Information is filled out
- Some minor research is done on PubMed Central(Refer to Citations and References list)

January 14th, 2026

- The Seventh Science Fair Meeting
- We create our google slideshow for our project

January 21st, 2026

- The Eighth Science Fair Meeting
- Our Ethics And Due Care Form 2A is approved

January 28th to February 11th, 2026

- The Ninth, Tenth, and Eleventh Science Fair Meetings take place
- No major updates on our project, apart from some minor research and revisions on PubMed Central (Refer to Citations and References list)

February 13th, 2026

- Some work on the project is done (mainly just organization) by Ryan

February 14th, 2026

- We resubmit and get our Ethics and Due care Form 2A reapproved because we changed some parts of our project
- Prior to this date we wondered if plants could survive with lower amounts of oxygen
- We decided to also research if it could survive with lower amounts of carbon dioxide as well

February 17th, 2026

- Project is worked on by Ryan
- We created our problem, which is: How does reducing the amount of Carbon Dioxide and Oxygen a plant is exposed to affect its growth and survival?

February 18th, 2026

- The Twelfth Science Fair Meeting
- In-School Science fair in <1 week
- We write our hypothesis, which is If a plant is exposed to less CO<sub>2</sub> and O<sub>2</sub>, then it will likely not survive

February 19th, 2026

- A significant amount of research is done on this day
- We researched specifically whether or not a plant could survive in low oxygen conditions
- Most of our information and research came from PubMed Central, in which we compared this information to other websites, like Science Direct, Climate Portal, and OSU (Refer to Citations and Reference list)

February 20th, 2026

- A Majority of research is done, but not fully completed
- Research was done on multiple sources and websites, those of which were the same as the prior day (PubMed Central, Science Direct, Climate Portal, and OSU (Refer to Citations and Reference list))
- Research was based off what would happen if a plant lacked oxygen
- We also began researched what would happen if a plant lacked carbon dioxide

February 21st, 2026

- We collected data that compares how low oxygen and carbon dioxide levels affect the plant's performance in terms of photosynthesis, and cellular respiration
- We then put these values in a table comparing the average amounts of ATP and glucose produced, to the amounts produced under low oxygen and carbon dioxide conditions
- We complete our research and data analysis by comparing information and data from PubMed Central to other websites (Refer to Citations and References list)
- We will move on to concluding our project and designing the trifold tomorrow

February 22nd, 2026

- We concluded our experiment, in which our hypothesis was technically correct, however it truly matters in terms of the scenario
- Ryan goes over to Eli's house to design the tri-fold
- Ryan leaves
- Eli makes the tri-fold more aesthetically pleasing
- School science fair is tomorrow

February 23rd, 2026

- School science fair
- Our project was judged 1 time
- Our judge suggested that our project should be made more simpler so normal people could understand our project

March 4th, 2026

- Last logbook entry for logbook on CYSF platform
- Final revisions of our project were made before submitting into each section of the platform

March 4th, 2026 To April 9th, 2026

- Possible adjustments to our backboard prior to city-wide science fair
- Adjustments will likely be made within this timeframe, and will only be for aesthetic purposes

April 9th to April 11th, 2026

- City-wide science fair