

Science Fair Logbook

2023-2024

Gobind Sarvar School

Calgary, Alberta, Canada



Grade: 9

Ajeet & Harvinder

Title of the project:

The Gut-Lung Axis: The Interactions of The
Gut and Lung Microbiomes

Date	Summary of work we have done
Dec 7, 2023	Today we chose our partners and decided what topic we wanted.
Dec 9, 2023	We have been changing up our topic as we are not very sure what we want to do the Science Fair on.
Dec 10, 2023	We have decided what topic we want and we will begin to work on the research soon. Our research question is "How Does Gut Microbiota Affect Our Lungs?". We will be researching on the Gut-Lung Axis.
Dec 11, 2023	We have started to write a bit of information on our doc, and we are starting to write our thesis statement.
Dec 13, 2023	We are deciding if our project will be a research based project or an experimental project.
Dec 14, 2023	We have decided we are going to be making a model for our science fair project.
Dec 16, 2023	Today we are still continuing our research and we have found out there are many connections to the gut and other organs.
Dec 20, 2023	We are adding more research and making sure our resources are credible.
Dec 22, 2023	We have been updating our background research almost every single day and today we are working on finding real life scenarios which could have occurred with the Gut-Lung Axis.
Dec 24, 2023	We are still continuing our research and finding very interesting information.
Dec 28, 2023	We are thinking of ways this project could be applied into the real world, and how this research could help in the medical field.
Jan 3, 2024	Because of new years, we were not able to complete much during those few days, but we are getting back on track, and we are trying to finish more research.
Jan 5, 2024	We have been looking at ways and videos on how we could make our model.
Jan 8, 2024	Today at school, we got the last 20-30 minutes of the block to work on our science fair, and today my partner wasn't feeling well so he went home early.
Jan 9, 2024	Since our rough draft is due tomorrow, we are fixing up our information, and making it better.
Jan 10, 2024	Today we reviewed our draft with Mrs. Fauzia, and she gave us very good feedback. With the feedback, we fixed up our rough draft.

Jan 11, 2024	We are looking at template ideas for our science fair. We wanted to choose something that isn't too colorful or too neutral.
Jan 12, 2024	We are continuing to make our slides look neat and tidy. We are also looking at title ideas for our trifold.
Jan 13, 2024	We decided to take a little break over the weekend, and start on Monday.
Jan 15, 2024	Today at school, we were given time to work on our science fair. Today we made a few final touches to our slides, and we are planning to ask for feedback on Wednesday.
Jan 17, 2024	We asked Mrs. Fauzia for feedback and she told us to add more pictures and diagrams. With those diagrams we can create analysis.
Jan 22, 2024	After school, we called and did a bit of work. We also contacted Ajeet's mom who was a lab nurse/ worker. She was also a teacher at Gobind Sarvar. She helped us with analyzing diagrams and understanding different types of bacteria.
Jan 24, 2024	Today we continued analyzing our diagrams and pictures.
Jan 29, 2024	We made a few final touches to our slides, and we are planning to get the final review done so we can print our slides and glue them onto our trifold.
Feb 1, 2024	Tomorrow Mrs. Fauzia is going on a Ski trip with her class so we will get our slides printed out from Ms. Asli. We also glued on our title.
Feb 2, 2024	Today we got slides printed out from Ms. Asli, and she also went to our science fair. We also glued our slides down.
Feb 5, 2024	Tomorrow we are going to be presenting in front of other classmates, so we are preparing to present tonight.