

Date	Work Done
Nov 14, 2024	We began our science fair project by coming up with our idea of building a hydrogen engine. We hypothesize that we can extract hydrogen from water and use it as a fuel source.
Nov 18, 2024	On this day we filled in our project's basic information, including the title and a rough idea of what our project will be. We also made our hypothesis
Nov 24, 2024	On this day we began research on electrolysis and how it works, including the chemistry behind it.
Dec 1, 2024	On this day we did more extensive research on electrolysis, including its inventors and uses of electrolysis in different fields.
Dec 4, 2024	On this day we began coming up with the design for our electrolysis generator.
Dec 9, 2024	On this day we researched hydrogen combustion engines and industrial uses of hydrogen
Dec 13, 2024	On this day we drew our blueprints for the electrolysis generator and made a complete list of the materials required.
Dec 16, 2024	On this day we placed an order for the materials required for the electrolysis generator.
Dec 24, 2024	On this day, we constructed our electrolysis generator and began testing it.
Dec 26, 2024	On this day we added information about our first test run of our generator, including challenges we faced while trying to get it to run.
Dec 28, 2024	On this day we began researching other possible uses for a stirling engine.
Jan 4, 2024	On this day we researched Stirling engines, including how they work and their inventor.

Jan 6, 2025	On this day we placed an order for the materials required to build a Stirling engine.
Jan 10, 2025	On this day we constructed our Stirling engine and tested it.
Feb. 12, 2025	On this day we completed our trifold. Since our last entry, we have repeatedly attempted to sustain a hydrogen flame — with some close attempts — but ultimately we couldn't make the flame last enough. With some more time and more tweaking, we believe we could get it working.
Feb. 13, 2025	In-school science fair.