

**Title: How can we generate energy out of sound and pressure.- Logbook**

Name: Mariam - Grade: 6 - Renert School

<b>DATE</b>	<b>ACTION</b>	<b>RESOURCES USED</b>	<b>OTHER NOTES</b>
November 21, 2023	Made it to the CYSF after school presentations.	N/A	N/A
December 4, 2023	Filled in Basic project information and Ethics due care.	CYSF platform	Fill in declaration form
December 12, 2023	Ethics due care and Basic information for project was accepted.	CYSF platform Safari Google docs	Finish research and circuit plans at the end of January
December 13, 2023	Finished 1 paragraph in Research ( What is energy)	CYSF platform Safari Google docs	N/A

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December 21, 2023	Researched (What is pressure)	Safari Google docs	Finish research up
December 22, 2023	Researched (What is sound)	Safari Google docs	N/A
December 23, 2023	Researched (Different types of Energy)	Safari Google docs	Start editing paragraphs (Grammar and punctuation)
December 24, 2023	Researched (Different types of soundwaves)	Safari Google docs	N/A
December 25, 2023	Researched (Pitches and frequency)	Safari Google docs	N/A

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December 26, 2023	Deceleration submitted and researched (Why do we need clean energy)	Google Docs Safari CYSF platform	N/A
December 29, 2023	Started drawing and ordering parts for experiment	Paper Amazon	N/A
December 30, 2023	Ordered more parts	Amazon	N/A
January 10, 2024	Put together 1 research paragraph	Google docs	N/A
January 11, 2024	Put together 2 research paragraphs	Google Docs	N/A

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January 13, 2024	Put together 1 research paragraph	Google Docs	Ask Dr.Miri for editing
January 14, 2024	Put together 1 research paragraph	Google docs	N/A
January 15, 2024	Application and Hypothesis done	Google Docs CYSF platform	N/A
January 16, 2024	Put together 2 research paragraphs	CYSF platform Google docs	N/A
January 17, 2024	Put together 2 research paragraphs	Google docs	N/A

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January 22, 2024	Dr.Miri Edited and fixed mistakes	Dr.Miri Google docs	Sign up with Dr.Miri next week for more editing
January 31, 2024	Sorting pieces for circuits	N/A	N/A
February 5, 2024	Editing with Ms.Madison	Ms.Madison Google Docs	Meeting booked with Mr.Stach
February 9, 2024	Worked on slideshow presentation	Slideshow	
February 10, 2024	Started pressure circuit # 1	N/A	Finish Circuits by the end of February

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February 12, 2024	Did pressure circuit #2 and collected data for last one	N/A	Also worked on my procedure
February 14, 2024	Pressure circuit for application was started and sound trial was started	N/A	Worked on some procedure
February 15, 2024	Sound trial done, collected data, and large pressure circuit was tested and edited. Talked to Ms. Kim	N/A	Book a meeting with Ms. Kim for analyzing circuits and help
February 16, 2024	Did a few more sound circuits and trial, also finished most pressure	N/A	

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February 20, 2024	Finished procedure and finished last circuit for pressure application. Worked on slideshow	Photos, slides and google docs	N/A
February 21, 2024	Worked on circuits and got some numbers for data and graphs	N/A	Connect circuits and finish graphs by the end of the month
February 22, 2024	Worked on some more circuits for numbers and tables	Google docs and Google slides	Tri fold meeting on March 1st and start printing pictures and creating tables and graphs
February 23, 2024	Finished up most circuits and continued different trials for the circuits.	N/A	Finish all or most writing on March 2nd

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February 24, 2024	Finished up all circuits and made another shoe application circuit	N/A	N/A
February 25, 2024	Finished last trial for Capacitor, observations and worked on excel for graphs	N/A	Meeting with Dr.Miri on Monday
February 26, 2024	Worked on excel and did many observations	Exce Microsoft Google Docs	N/A
February 27, 2024	Worked on Observations	Google docs	N/A
February 28, 2024	Copy pasted many paragraphs to CYSF platform and finished Conclusion and half of observations	CYSF and Google Docs	N/A



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March 1, 2024	-listened to tri-fold presentation -Worked on Analysis	N/A	N/A
March 2, 2024	Started analysis and finished most of slideshow presentation	Google slides	Analysis <b>MUST</b> be done before March 8 and slideshow <b>MUST</b> be done by March 9 and video taped
March 3, 2024	Worked on slideshow	N/A	N/A
March 4, 2024	Worked on Analysis		

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March 5, 2024	Analysis work and slideshow	N/A	N/A
March 6,2024	Analysis and check in with school mentor	Google Slides	N/A
March 7, 2024	Analysis	CYSF	N/A
March 8,2024	Analysis and slideshow work	N/A	N/A
March 10 and 11, 2024	Finished slideshow and analysis completely, copy pasted everything in CYSF, and created slideshow video	Google Slides CYSF	N/A