“Back Corner” One Page Summary

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Sound Thinkers – For this project, we decided to make a simple python calculator together as a team. We began by joining together on the LiveShare extension in VS Code. We created a file, and each began making the functions that would do the basic math we wanted our calculator to do. After that, we began to brainstorm ideas on the best way to do a running total so that the user could do multiple calculations in a row. We created a clear function to clear the running total and put it all together in a while loop. The project went smoothly for the most part and we learned a lot about how each person has a different approach to problem solving.

Disciple of Jesus Christ—This was a simple project. We wanted to do a project where we would help strengthen each other’s testimonies and learn from each other. For this project, we decided that we would attend every devotional and meet afterwards and talk about it and what we had learned and new insights we had received. We later changed up our project just a little, so that instead of attending all the devotionals, we would only have to attend at least two, and get together and talk about it. This project went well, and we were able to learn from each other and hopefully in the process, strengthen our testimonies and faith in Heavenly Father and Jesus Christ.

Effective Communicators—We wanted to do a fun project idea that would get us working together in a short period of time to accomplish a task. We decided that we would go to the escape room just in downtown Rexburg, Idaho. Before we met to complete the escape room, we each, on our own, downloaded an escape room app to practice as well as reading up on escape room tips. We then met and discussed the tips that we had read about. We took those new skills we learned and somewhat used them at the escape room. While at the escape room, we were able to successfully escape the room, with only 10 minutes left in our hour to go. Afterwards, we talked about some tips and tricks and things that we could have done better to get a faster time.

Skilled Collaborators – Our goal for this project initially was to create a coaxial piston cannon from PVC and other basic hardware components. We wanted our cannon to be capable of launching a projectile at least 30 feet. After our initial planning meeting, we had decided on a blueprint to follow, and a date and time we would meet to purchase the components. We were only able to find about half of the parts that we would need, and those alone cost us around $90. We consulted as a team and decided it would be best to modify our initial goal. We settled on building a combustion based “potato gun” instead of the air pressure-based cannon. We were able to procure the parts for less than a ¼ of what we would have paid and were able to assemble the cannon in a little over an hour. The following day, we tested the cannon, and it worked great. Though the project didn’t turn out exactly how we planned it, we were able to produce a functional device, and learned that it’s ok to modify projects that are in progress.