1/8/16 - Monday

My science teacher and I started working on my project. I drew up room plans of the first classroom we experimented on which was my home classroom. Then we connected a sound sensor onto a tripod, and levelled the sound sensor to a height where approximately a year 10 student's head would normally be when sitting. We figured out all the right tones, which I will use throughout my experiment. The second last thing we did was write down the measurements of each seat in the room. The last thing we did was compared the 3 readings.

2/8/16 – Tuesday

My science teacher and I did the same routine as what we did on Monday but we experimented in the next room. As we were about to start experimenting in this room, I had realised that the sound was not coming from the ceiling speakers but it was coming from the speakers that were attached onto the wall. Once we had figured out how we could make the sound come from the ceiling speakers, we were able to proceed with the experiment. This meant that the first practice experiment we did in the first room had the sound coming out of the attached wall speaker as well so we had to redo the experiment for that room but instead of doing 3 tones, we only did the multi-frequency tone.
3/8/16 – Wednesday

Up to this point, I already had experimented in the room without any students and I wanted to do the same routine again but with students in the classroom. So on Wednesday, I ended up only experimenting the classroom my maths class was in.

22/8/16 - Monday

Today, my teacher and I measured the distance from the front of the room to the desks and the distance from the walls.

23/8/16 – Tuesday

Today, my teacher and I worked on displaying the results as a decibel contour map. Previously, we had tried to do this but the program wasn’t working. So we found an updated program, which allowed the data to turn into decibel contour maps. Then we planned out the room layout of my home classroom and once that was done, we got the decibel contours map (one which had no students data and one that had with students data) and put them underneath the two room layouts of the classroom. We made sure that we would get it accurately as much as we can.
24/8/16 – Wednesday

On Wednesday, I was able to work more on my report for the science project. I had already started working on it and included the background information/introduction, hypothesis, aim, method, data analysis and the risk assessment but now that I had all of my data, I was finally able to insert it into the report.

24/8/16 → 25/8/16 – Wednesday + Thursday

By these two days, I had finally inserted every data I needed for the project into my report. On Wednesday and Thursday, I worked on the discussion by comparing the two final decibel contour maps that had their own classroom layouts attached onto them. Once I was done with the discussion, I started working on the conclusion of my report.

26/8/16 – Friday

This day was the final due date for our projects. By midnight, the students had to submit their projects. On Friday, I completed the conclusion and the acknowledgements. Once I was done with the report, I skimmed through it making sure all my information and data was correct, that there were no spelling mistakes and everything was in the right place. After completing the report, I was able to finally complete the logbook for my project and before midnight, I was able to submit them both.