



**CALIFORNIA STATE SCIENCE FAIR
2011 PROJECT SUMMARY**

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| Name(s) Hayley S. Schlobohm | Project Number S1911 |
| Project Title Grow! | |
| Abstract Objectives/Goals The goal of my project was to determine weather or not plants grew better in a loud environment, a semi-loud environment, or a quite environment. Methods/Materials The materials I used for my project were three poinsetta plants, a ruler, water, and my working journal. I placed the three plants in a silent room for two weeks and watered them with equal amounts of water on the same day. After the two weeks was up I measured them with the ruler and kept the results in my journal.I did this again in a semi-loud environment, and a loud environment. Results The results of my project were that the plants grew in the semi-loud room. They did not grow at all in any other environmentoud. Conclusions/Discussion The conclusion of my project is that plants grow the best in a semi-loud room. The research that I had done before my experiment had shown that plants would grow more in a louder environment because there are more energy waves being "thrown" at them. This made me wonder why the plants didn't grow more in the loudest environment. This project has helped me to better understand the anatomy of plants and I am glad i did this experiment. | |
| Summary Statement My project was to determine if plants grew better in a quite, semi-loud, or loud environment. | |
| Help Received Parents bought plants | |