



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Elizabeth L. Clendenen	Project Number 22241
Project Title Growing Up?	
Abstract Objectives/Goals My hypothesis is if I grow plants at different angles, then they will grow toward their source of energy (most often sunlight). Methods/Materials For my experiment, I grew nine Pothos sp. at three different angles. Every day for seven days, I measured three different ways with a centimeter ruler. I grew plants under a four-foot fluorescent shop light with grow bulbs. Results I found that plants are not affected by gravity. Evidence that supports this is that none of the plants shrivled up or died, and that, when turned up in a regular position, plant groups B and C appeared to have grown sideways (to reach the light). Conclusions/Discussion My results supported my hypothesis. I learned that plants, like humans, grow up and are not affected by gravity.	
Summary Statement My project is about gravity and how it affects plant growth.	
Help Received Father helped type report and set up grow light, mother helped lay out backboard, and Mrs. Underwood, teacher, helped with writing, report, conclusion, etc.	