



**CALIFORNIA STATE SCIENCE FAIR
2010 PROJECT SUMMARY**

Name(s) Joseph Rutten	Project Number J2027
Project Title Bright Ideas	
Abstract Objectives/Goals I recorded and evaluated the growth of house plants when exposed to different light sources. I was trying to find the best light source to grow house plants with. Methods/Materials 9 peppermint plants, 3 light sources(ultra violet,incondesant,floresent) 3 cardboard boxes, tinfoil, lighting fixture, dark space. I placed 3 plants per box, covered with foil and exposed them to the three different light sources(one box per light source) I recorded and observed the growth for 10 days. I averaged the data and determined the results. Results the results of averageing the growth of the three house plants in a 10 day period with ultra violet rays was 9in. the incondesant rays were 7.9in. and the floresent rays were 7.7in. Conclusions/Discussion After measuring and evaluating the growth of house plants in a time span of 10 days with 3 different light sources (ultra violet, incondesant,and floresent)I found the ultra violet rays to be the best lighting source for house plants.	
Summary Statement Determining the best form of light which promotes the best growth of house plants.	
Help Received Mom took me to the store to buy the plants.	