



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> Ohtli A. Garcia-Barron	<b>Project Number</b> <b>J1910</b>
<b>Project Title</b> <b>Plant Growth in Zero Gravity</b>	
<b>Abstract</b> <b>Objectives/Goals</b> To modify the growth of a plant to see if it can grow in zero gravity by affecting the direction at which the plant feels the gravity <b>Methods/Materials</b> Hamster balls, seeds, soil, robot Lego, batteries, others <b>Results</b> By affecting the growth of the plant we found the plant curves around itself, a test plant was also used to compare growth. <b>Conclusions/Discussion</b> This project showed that in the absence of space, food can be grown to save space and optimize product.	
<b>Summary Statement</b> Growing plants in zero gravity	
<b>Help Received</b> Father help type report	