



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Peter N. Salveson	Project Number J0227
Project Title Anti-Gravity Vehicles?!?!	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objective of this project is to test a magnetically levitated car and a wheeled car and compare their results. Each car will be tested in three different tests multiple times. The tests will show results of friction and speed. My hypothesis is that the magnetically levitated car will out perform the wheeled car in all three tests because it does not have any friction on the bottom of it because it is floating above the track.</p> <p>Methods/Materials The materials used to perform the experiment and to build the tracks, cars, etc. are the following.</p> <ul style="list-style-type: none">3 each - plexi-glass panels 8" x 48"2 each - plexi-glass panels 8" x 8"1 each - Plastic glue1 each - Double faced tape50 each - magnets 1 7/8" x 7/8"1 each - Plastic sheeting1 each - Turbine Motor1 each - Battery1 each - ON/Off switch1 each - Carbon Fiber Rod3 each - Rubber Bands4 each - Wheels4 each - ball bearings2 each - AxelsBalsa woodSolderAll purpose GlueWD - 40Soldering ironElectric SawHand SawElectric DrillElectric Sander	
Summary Statement This project is about seeing if a magnetically levitated car has less friction and thus be able to travel faster than a wheeled car.	
Help Received My father supervised when I used power tools.	