



**CALIFORNIA STATE SCIENCE FAIR
2004 PROJECT SUMMARY**

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Project Title Snail Science	
Objectives/Goals The objective of our project was to determine the effect of calcium added to an aquatic snail's environment on a snail's weight gain and loss.	
Abstract	
Methods/Materials First, we bought two eight-cup tanks that were both the same size and shape. Next, we labeled the tanks 'Tank I' and 'Tank II' and filled each one with six cups of fish-treated water from our freshwater tank. We decided to make 'Tank I' the control tank and 'Tank II' the experimental tank. We placed two snails, about equal size in each tank along with a fresh water plant called Elodea Densa and placed half a crushed calcium tablet in 'Tank II.' Every five days, we changed the water and added another half of a crushed calcium tablet. The snails' weights were monitored and recorded every day. Every other day we checked Ammonia, Nitrate, and pH levels.	
Results 'Tank I' (control) showed little or no increase or decrease in weight. The snails in 'Tank II' (experimental) gained, on average, 0.4 grams over a period of thirty days.	
Conclusions/Discussion In conclusion, calcium that is added to an aquatic snail's environment for a prolonged period of time (at least fifteen days) causes the snail's weight to increase	
Summary Statement Our project is about the effect of calcium on aquatic snail's growth.	
Help Received Our parents lent us money to buy supplies.	