



**CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY**

Name(s) Riley H. Smith	Project Number J1721
Project Title The Effects of Magnets on the Rate of the Flow of Water	
Abstract Objectives/Goals The objective of this study is to determine how different types of water are affected by magnets. Methods/Materials Burette, two magnets, cup, gram measurement tool, rubber band, stopwatch, ring stand, clamp, water, salt water and sugar water. Filled burette with water, opened burette and measured time it took for water to completely flow through burette. Results The regular tap water was the least affected by magnets, as it flowed the slowest through the burette. The salt water was the most affected by magnets, as its flow rate was the fastest. Conclusions/Discussion The data in my project did not support the hypothesis in that under the affects of magnets, the salt water flowed the fastest and the regular tap water the slowest. The hypothesis stated the opposite of the results concluded.	
Summary Statement This project is about how magnets affect the rate of the flow of water through a narrow passage.	
Help Received None. I designed and performed this experiment on my own.	