**My data clearly supports my hypothesis that not all antibiotics effectively prevent the growth of Beta-Strep Group A. Of the six antibiotics which were tested in the experiment, only Bactrim showed hemolysis after incubation, meaning that it didn't inhibit the growth of the bacteria. Because Bactrim was the only sulfa antibiotic, it appears that sulfa antibiotics do not effectively prevent the growth of Beta-Strep Group A. Thus, Bactrim should not be prescribed to patients with strep throat. However, erythromycin, penicillin, and cephalosporin types of antibiotics are effective and should be used.**

**Even though Amoxil, Vantin, Biaxin, Cefzil, and Duricef are all effective in treating strep throat, they should not be over used. Some patients expect doctors to prescribe an antibiotic for every minor ailment. As mentioned earlier, their abundant use could lead to resistant strains and come back to haunt those in the medical field.**

**Performing this experiment was both fun and educational. I learned many new things regarding microbiology during my research, as well as how to build a web page, which will definitely be useful in the future. Using the scientific method, I have also had the opportunity of conducting a real experiment effectively. Hopefully, I will have the chance to perform another experiment in the future.**

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***This Web Site is Best viewed with 256 or more colors.***

***For More Information about Creekwatch, please contact Eric Thiel at*** [***ethiel@pleasanton.k12.ca.us***](mailto:ethiel@pleasanton.k12.ca.us)