**Name(s)**

**Raju Ivaturi**

**Project Number**

# J2006

**Project Title**

## Soda: The Silent Tooth Killer

**Abstract**

**Objectives/Goals**

I want people to know that soda is bad for their teeth, which is actually the main purpose of this project. I will take a controll like water or a healthy drink and compare against the harmfullness of Soda. Hopefully, after this project, they will know that taking the small step of quitting or lessening the amount of soda they drink can greatly improve their dental health.

**Methods/Materials**

Material: Water, Coke, Coca-Cola, Pepsi, Dr. Pepper, Sprite, and Mountain Dew. Make sure the bottles with resalable tops so you can seal in the carbonation. And 6 tarnished pennies
Gather 6 tarnished pennies and place pennies into the soda with out a splash and seal it quickly. Refrigerate and record data for three days. Fnally Repeat the above steps by taking Water as control instead of Soda and record the results

**Results**

Coke is the most acidic and therefore, the unhealthiest for teeth, because it was the lowest on the chart of brightness. On day 3, Coke proved itself by reducing to 2 while Coca-Cola came to 3. Sprite came to 5, Mountain Dew stayed at 7, and both Pepsi and Dr. Pepper came to 4.

**Conclusions/Discussion**

My hypothesis proved to come out correct in this experiment. Coke, most likely because of its low pH, beat out the others to become the unhealthiest drink out of all. Now, people will know, due to my charts, which sodas are better to drink and what aren#t.
Further Work: What I can do publicly advertise these findings so people would get some knowledge of what they are doing to their teeth. I can also tell people how to prevent their teeth from getting damaged as part of my further work.

**Summary Statement**

"Soda: The Silent Tooth Killer" project summarizes how different Sodas can effect the dentin in teeth based on their Ph levels

**Help Received**

Miss.Ligeti from Medea Creek Middle School Supervised the project