

Content Knowledge

Title of Artifact: Gummy Bears **Date Completed:** Fall 2013

In Methods for Teaching Science EDU 309, I taught a lesson to fifth grade students at St. James Lutheran School. The lesson I taught was an experiment that had to be conducted by the students over a course of two days.

The students were split into groups of four. Students received worksheets where they had to measure each gummy bear before it was experimented with, and determine and hypothesize what would happen to each gummy bear when it was mixed with a different solution. The solutions consisted of a cup of water, a cup of vinegar, a cup of salt water and a cup of water and baking soda. After the gummy bears sat in each cup for a day, students measured each gummy bear and observed them to see what had changed.

I felt that this lesson fit perfectly with the Content Knowledge Standard. I wanted to create a learning experience for these fifth grade students and that is exactly what this ended up becoming. Students were having so much fun with this lesson that they didn't even realize they were learning about hypothesis, conclusions and observations.

This lesson turned out great! If I could change anything about the lesson, I would make the groups smaller, which would allow for the students to get to do more. What I enjoyed most about this lesson, was the surprise in the students faces when they saw what happened to their gummy bears in each of the solutions.