

Bubble Trouble

Gladys Dunn, Hermosa Middle School, Farmington, New Mexico

Project ID#

Q1: Research Question/Engineering Goal

Do all liquids work or do only some liquids work?

Q3: Data Analysis & Results

The experiment also showed that the soda balls popped open but I figured out that if u let it set for a few minutes it didn't pop , the juice balls got hard to the point that it breaks , Even if I left it for 60 seconds .

Q2: Methodology/Project Design

The sodium alginate / food liquid were tested in a calcium chloride / bubble solution , leave it in bubble solution for 1 minute after that I had measure the balls . After measuring it out , find the average then I wrote all of the data together .

Q4: Interpretation & Conclusions

If I were to do this project again , I would try a different recipes also I would use a scale instead of measuring spoon . It is important that people know more about this topic because it can help with the pollution that goes into the ocean , in which makes other species die out , Ooho can replace plastic bottles and glass bottles too we can keep our animals alive longer.