



Prize Winner

Multimedia

Year 5-6

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The Science Behind



Fun at Home with Kids

How Does Slime Work?

MULTIMEDIA PROJECT

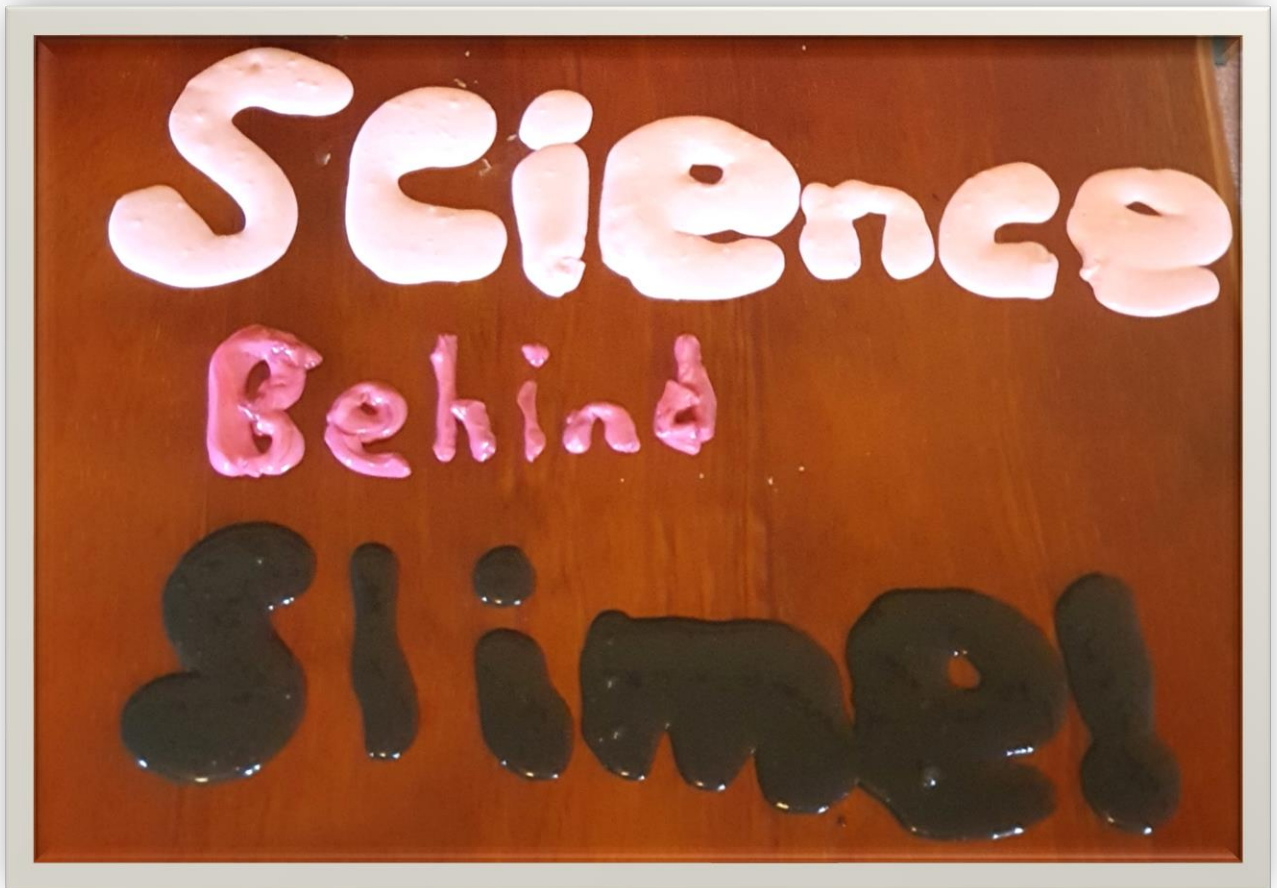
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The Science Behind Slime: How Does It Work?



I like slime. It always felt so nice between my fingers. I have made a lot at home. I find it fascinating to watch basic ingredients turn into something different with just a few minutes of stirring. One particular day, I was playing with my slime and decided to make more when a thought came to me: How does slime work?

I had made slime many times before, but I had never thought of how it worked. So I started researching right away.

Problems

I researched on many websites and tried to understand the science behind slime. I couldn't understand all the chemical structures, so I searched on the internet for the periodic table. I also watched some videos to help me understand it better.

Another problem I had was that I didn't know what editing tool to use and I didn't know which ones were good or not. So, I watched some videos on YouTube and decided with iMovie, then I changed to Clipchamp as it worked better. Kapwing software is used to add images and give effects.

A third problem was that I had to redo the script quite a few times because it exceeded the time limit and I had to add new information to describe the process a bit more. I needed to say lots of information in a short period of time.

Acknowledgement

My parents helped me find research questions and film the video.

Software Used:

Clipchamp, Kapwing and Camera.

Bibliography

I used some of the pictures in here and some of the information: <https://edu.rsc.org/experiments/pva-polymer-slime/756.article>

I took some pictures of my slimes.

I used some information in this video about slime coming together:
<https://www.youtube.com/watch?v=4F9ukCQvP20>

I used a book called 'Max Einstein and the Great Experiment'. At the end was the science of slime.
<https://www.funathomewithkids.com/2014/08/the-science-behind-slime.html>

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