

SURFACE TENSION



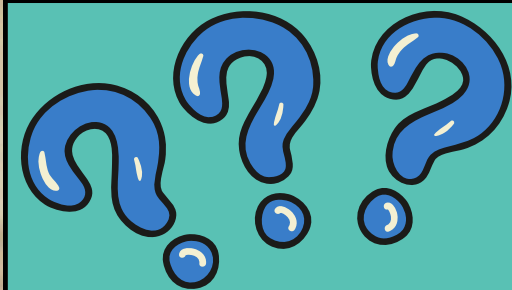
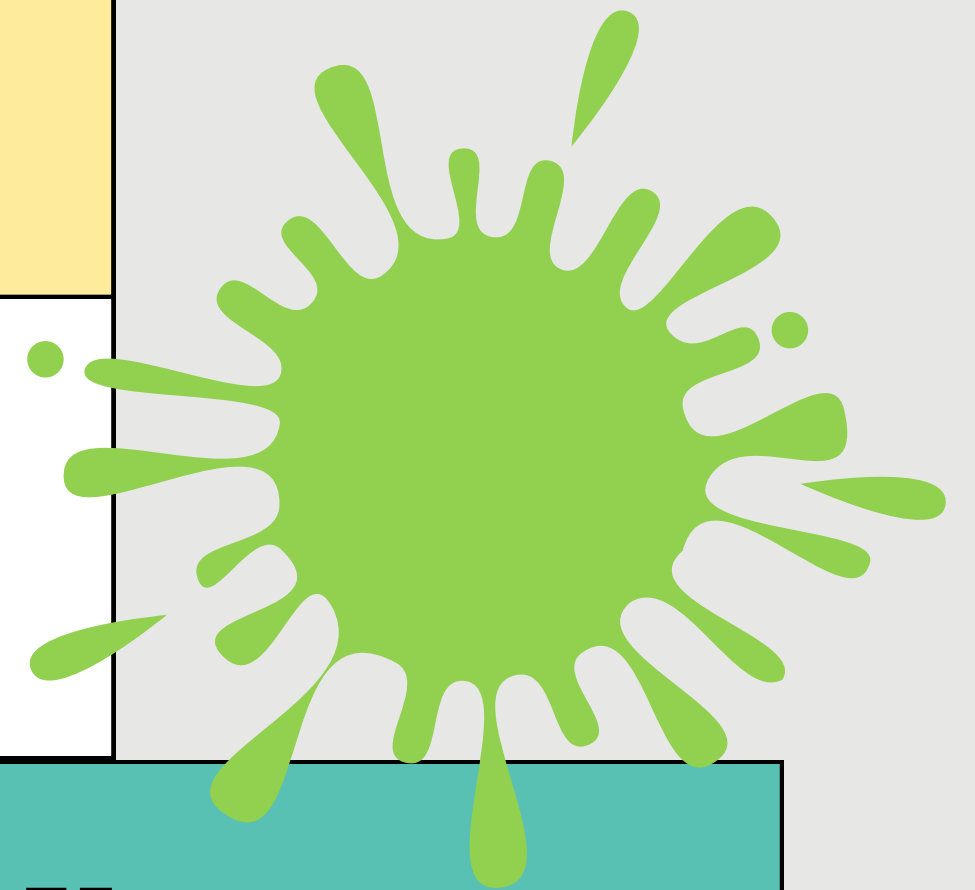
Reflection

In this class, we experimented with coloured water droplets, observing how they interacted with one another. We then moved on to dropping water onto different-sized coins, trying to determine the maximum amount of water each could hold before the surface tension broke and the water dispersed. This was an intriguing concept, as it took many droplets for the water to break apart. It was fascinating to see the elasticity of the water in action.



Connection

Watching a video on surface tension and how water striders move across the water's surface without breaking its barrier was extremely interesting. Having grown up on a lake my entire life, I had never fully understood how water striders could move so seamlessly without falling through. This was especially fascinating when considering rivers, where the water is constantly breaking over rocks and other obstacles.



What & Why

I chose to reflect on the surface tension aspect of this class because I felt the strongest connection to it. I also found it to be a great hook for a lesson. What intrigued me the most was that, as an adult, I had never fully understood the specific reason why water striders move effortlessly across the water. I believe teaching students how and why surface tension works can be an engaging topic, especially as they begin to explore the water cycle at a young age.

Quote of The Day

"Curiosity is the spark behind every great idea. Without it, we'd never learn anything new."

Walt Disney Imagineering, Disney's Imagineering Field Guide

