



Class 13 STEM Day



Diet Coke and Mentos Experiment

In this fun experiment, we discovered that as the Mentos sank in the bottle, they caused the production of more and more CO₂ bubbles, which reacted with the rising bubbles, resulting in the eruption. Thankfully Jayden can run fast!



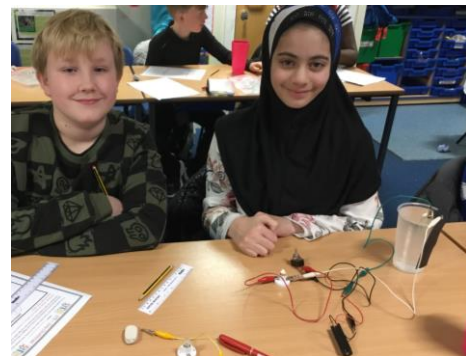
Self-Inflating Balloon

When the vinegar in the bottle combined with the baking soda in the balloon, carbon dioxide was formed. This gas made the balloon inflate. It was very exciting to see how big it would get!



Oil Bubble Lava Lamp

We discovered that oil and water don't mix, and the oil sits on top of the water. When we added salt, some of the oil went to the bottom with it and as the salt dissolved, it released the oil, which floated back to the top. It was fascinating to watch!



Well Sensors

We took on the STEM challenge from ElectricAid to design an electronic sensor, so people in countries with no access to fresh water know when their wells are full.