WHAT'S "TWEETING" IN THE BLUEBIRD CLASS FOR NOVEMBER

Letters of the Month

Ff, Gg, Hh

Celebrating Election Day!

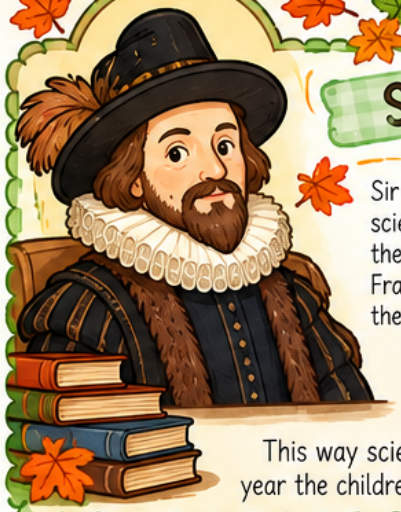
Voting in Class

What is your favorite snack?



Scientist of the Month

Sir Francis Bacon



Sir Francis Bacon was an English Renaissance scientist/philosopher who is best known for establishing the **scientific method**. The children will learn that Sir Francis Bacon changed the science world by introducing the importance of:

1. Starting with a hypothesis
2. Conducting Experiments
3. Observing

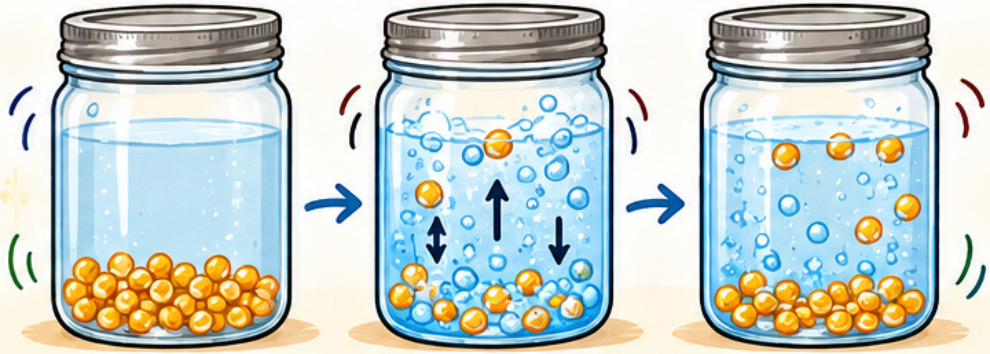
This way scientists can discover new things. Throughout the year the children will follow this procedure for all our experiments.

Science Experiments

"Hopping Corn"

"Hopping Corn"

The children will guess/make a hypothesis about what happens when popping corn kernels are added to a jar filled with vinegar, food coloring, and baking soda. The children will help the teacher to fill the jar, and then observe the results.



How It Works

When baking soda (a base) mixes with white vinegar (an acid), they create a chemical reaction that produces carbon dioxide (CO_2) gas.

- The gas forms tiny bubbles that attach to the rough surface of the corn kernels.
- Because the gas-laden kernels become buoyant, the bubbles lift them up to the surface of the water.
- Once the kernels reach the top, the carbon dioxide bubbles pop into the air, causing the kernels to lose their buoyancy and sink back to the bottom.
- The cycle repeats as new bubbles attach to the kernels on the bottom, keeping the corn "hopping" for over an hour!

