

Dear Family,

In my class today we were scientists and did experiments.

Did You Know?

- We learned that scientists are very curious people. They do experiments to find the answers to their questions. They ask questions using words such as why, where, and how. Scientists also hypothesize (have ideas about things and then do experiments to see if they are correct) and make predictions (use their experience and knowledge to guess what might happen when trying something). Scientists work in a variety of businesses and career fields. Scientists are involved in making things like medicine, food, paint, toys, and personal care products like soap and make-up.
- We used baking soda and vinegar to create a scientific experiment. Baking soda and vinegar contain chemicals and when you combine them, there is a chemical reaction. When the vinegar and baking soda are mixed together in this experiment, a new chemical, called carbonic acid is made. As soon as it is formed, the carbonic acid begins to decompose (break down into simpler parts) and become a gas (carbon dioxide). The carbon dioxide gas then creates bubbles.

Ask Your Child:

- What did the vinegar smell like?
- What did the baking soda smell like? What did it feel like?
- What did you do with the baking soda and vinegar?
- What happened when you mixed them together?

Activities To Do With Your Child:

- Do you have vinegar or baking soda anywhere in your home? Tell your child how you use vinegar or baking soda in your house.
- Do you have a recipe that uses baking soda or vinegar? Look at the recipe with your child and talk about the ingredients. Draw a picture together showing what the recipe makes. Send the picture to school so that your child can share it with us. If you have time, make the recipe with your child. Send us a photograph of you cooking together or a picture of what you made!

Vocabulary To Use With Your Child: scientist, fizz, gas, combine, mix, reaction