**Pouring Invisibility**

Today in Science class, Mr. Smith did a demonstration that showed that carbon dioxide existed even though you can’t see it.

First he poured some baking soda into a large beaker. He then poured vinegar into the same beaker. The baking soda bubbled and frothed, and then settled down. He then lit a candle and put it into a smaller beaker. He took the larger beaker and poured the carbon dioxide that formed from pouring the vinegar into the baking soda into the smaller beaker with the lit candle in it. After he poured for a few seconds, the candle went out. This was because the carbon dioxide took away all the oxygen around the candle and caused it to go out. He then checked the level of carbon dioxide in the other beaker by lighting a match and slowly lowering it into the beaker until it went out.

Some of the things we learned from this demonstration are:

* Carbon dioxide is one of the gasses that is in air.
* The scientific name for carbon dioxide is CO2.
* The only gas in air that matters to us is oxygen.
* Air is mostly composed of nitrogen.
* When we breathe in, we create carbon dioxide and eject it by breathing out.
* Carbon dioxide is mildly poisoness, but can only kill you if it is in large amounts.
* CO2 is made by burning things.
* Global warming is partially caused by too much CO2 in the atmosphere.
* It is heavier than air.
* It is colorless, odorless, and tasteless.
* You can use CO2 to put out fires.
* If something decompresses fast it is cold.
* If something is compressed fast it is warm.
* Baking soda has CO2 in it.
* You can put it in your fridge to absorb odors.
* People keep it by their stove to put out fires.
* Vinegar has acid in it. This kind of acid is called acidic acid.
* A gas that is a lot like CO2 is carbon monoxide, or CO.
* It is also made from burning things.
* It is also heavier than air.
* It is poisoness, and symptoms include massive headaches and cherry-red skin.