

BIBLE SCIENCE

OBJECT LESSON OR KIDS SERMON

ITEMS NEEDED:

One small (sandwich size) zip-lock bag – freezer bags work best.

Baking soda

Warm water

Vinegar

Measuring cup

A tissue

WEB LINK:

<https://sciencebob.com/the-exploding-lunch-bag/>

INSTRUCTIONS - *Adapted from instructions by Science Bob.*

Fill your plastic bag with 1/4 cup of really warm water. Put 1/2 cup of vinegar into the bag as well. Pour 3 tsp of baking soda in the center of your tissue. Make a pouch for the baking soda by folding up the corners of the tissue around it like a knapsack.

Working very quickly, zip the bag closed leaving only enough room to put the baking soda pouch into the bag. Immediately slip the tissue with the baking soda into the bag and zip it shut as fast as you can.

Set the bag on the ground or in a clear plastic tub and get back. You should see the bag swell up and then burst.

LESSON:

Baking soda and vinegar aren't scary by themselves. One is a powder. The other is a liquid. Both are used in cooking every day. But when you bring the two together, something crazy happens. They have a very quick and violent reaction, and when they get together- well, you saw what happens next.

Sometimes life gets crazy on us, as quickly as baking soda reacting to vinegar. We feel a ton of pressure, and we just know life's going to blow up in our face. God can use those crazy times to draw us closer to him. We will survive the craziness. We will survive the explosion. We will be stronger. And no matter what happens, Jesus will still be there for us.