STEM CHALLENGE
Cookie Cutter Chemistry

Challenge: What will happen when baking soda and vinegar are combined inside a holiday cookie cutter?

Materials:
- Holiday Cookie Cutters
- Baking Soda
- White Vinegar
- Food Coloring
- Glitter (optional)
- Eye Droppers
- Cookie Trays/Bins/Mini aluminum loaf pans (anything to catch the overflow will work)

Instructions:
- Create a plan and decide what steps to follow.
- Test your plan.
- Document and explain your results.

Submission:
- Please PONY your submission to the STEM Resource Center.
- Please submit your drawing/pictures and answer to the challenge question to us by mail, GST Pony, or email to STEM Resource Center, 3153 Lake Road Horseheads, NY 14845 or stem@gstboces.org
- Please make sure that your submission has your name, teacher name, school district, grade level and return address included.
- Due Date: Friday, January 5, 2018
STEM Challenge – Cookie Cutter Chemistry

Name ___________________________ School District _______________________
Grade ____________ Teacher ________________________________________________

Challenge: What will happen when baking soda and vinegar are combined inside a holiday cookie cutter?

Plan:
Steps to Follow (be specific):

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Results:
Describe the results you observed when you carried out your plan. Why do you think you observed these results?

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