



# October STEM CHALLENGE

## Hopping Corn

Due Date: 11/8/16

Challenge: What happened when these ingredients were combined in a jar?

Procedure:

- Fill the jar with water and add a couple drops of food coloring (optional)
- Add your baking soda and stir well until it is all dissolved
- Add a small handful of popping corn kernels
- Add the vinegar and watch what happens

Materials:

- Clear glass container
- Popping Corn
- 2 ½-3 cups of water
- 2 tbsp. of Baking Soda
- 6 tbsp. of white vinegar
- Food Coloring (optional)



Submission:

- Draw or take a picture of your jar with the contents inside
- Answer the challenge question and why you think it happened.
- Explain how this experiment helped you understand solids, liquids, and gases.
- Please submit your drawing/picture and claim and evidence statement to us in the "PONY" to Bath High School Room 444-STEM