

Name: \_\_\_\_\_

# SPOOKY SCIENCE

## Boo Bubbles Demo



### Question:

1. What gas was inside the bubbles?
2. Why did you need to wear a glove?

## oozing slime

### Materials:

Borax Powder  
Liquid Glue  
Water  
Food Coloring  
Glitter  
Plastic spoon



### Directions:

- Mix  $\frac{1}{2}$  tsp. borax powder with 120 mL water in a beaker. Stir until dissolved.
- Raise your hand and ask your teacher to add the food coloring and glitter to your borax/water mixture.
- Mix 60mL glue with 60mL water in a separate beaker and stir to combine.
- Add the borax mixture to the glue mixture.
- Stir and stir and stir and stir
- If there is some liquid left, discard.

### Clean up:

- Wash and dry all lab materials
- Write your name on a baggie with a sharpie pen and divide the slime equally for the people in your group.
- You may pick up your slime in the front office after school if you want to take it home.

### Question:

3. Is this experiment a physical or chemical change? Why?

# FRANKENSTEIN'S TOOTHPASTE

## Materials:

16 oz plastic bottle  
½ 20 Volume (6%) Hydrogen Peroxide  
1 Tablespoon Yeast  
3 Tablespoons warm water  
Liquid dish soap  
Food Coloring  
Beaker



## Directions:

- Add ½ cup of hydrogen peroxide to the 16 oz bottle
- Add 8 drops of food coloring to the bottle
- Add 1 tablespoon of liquid dish soap to the bottle
- Combine 3 tablespoons warm water and 1 tablespoon yeast in beaker and swirl to mix for 30 seconds
- Pour the yeast/water mixture into the bottle and watch what happens!

## Clean up:

- Wash and dry all lab materials

## Question:

4. Is this experiment a physical or chemical change? Why?

# DANCING GHOST

## Materials:

Piece of Tissue Paper  
Balloon  
Scissors  
Head of Hair  
Tape

## Directions:

- Cut a ghost shape out of tissue paper (about 4 cm long). Color eyes on your ghost.
- Lay your ghost on your lab table, tape a small section of the tail to the table.
- Blow up the balloon and tie it.
- Rub the balloon on your hair for about 10 seconds to build up a static charge.
- Slowly bring the balloon near the ghost, and the ghost will begin to rise toward the balloon and dance.

## How does it work?

When you rub the balloon through your hair, invisible electrons (with a negative charge) build up on the surface of the balloon. The electrons have the power to pull very light objects (with a positive charge) toward them- in this case, the tissue ghost!

## Questions:

5. What causes the static electricity?
6. Where in nature does static electricity occur?

