

HALLOWEEN SCIENCE

Name _____ Block _____

Dissolving Candy Corn Lab

Question: How will changing the type of liquid affect the properties of a candy corn over 3 days?

Hypothesis: If we place candy corn in four different types of liquid (water, salt water, oil and vinegar), then the candy corn in the _____ will dissolve the most and the candy corn in the _____ will dissolve the least.

Day 1 observations: In the space below, record 2 qualitative observations for each candy corn.

Type of Liquid	Condition of Candy Corn
Water	
Salt Water	
Oil	
Vinegar	

Day 3 observations: In the space below, record 2 qualitative observations for each candy corn.

Type of Liquid	Condition of Candy Corn
Water	
Salt Water	
Oil	
Vinegar	

Analysis:

Independent variable: _____

Dependent variable: _____

Controlled variables- list 2: _____

Conclusion:

For the candy that dissolved the most, was your hypothesis supported or rejected? Use your data to explain.

For the candy that dissolved the least, was your hypothesis supported or rejected? Use your data to explain.

Flying Ghost Demo:

Predict- what do you think will happen to the tea bag?	Observe- What happened to the tea bag?
Explain- Why do you think this occurred?	

Erupting Pumpkins Demo:

Predict- what do you think will happen when we add the mixture to the pumpkin??	Observe- What happened inside the pumpkin?
Explain- Why do you think this occurred?	

Ghouly Hands Lab

Question: What will happen when place our baking soda glove over the lid of the jar full of liquid?

Hypothesis: If we place our baking soda glove over the lid of the jar, then _____

_____.

Materials:

Mystery Liquid

Baking Soda

1 Rubber Glove

1 Styrofoam Cup

Procedures:

1. Send one student to the front to pour 3 tablespoons of the mystery liquid into the jar.
2. Send another student to pour 2 teaspoons of baking soda into the glove. Carefully shake the glove so the baking soda gets into each finger of the glove.
3. Carefully slide the open end of the glove over the lid of the cup, holding it sideways so the baking soda does NOT fall into the liquid. Pull it tight around the lid so it is snug.
4. Grab the glove by the fingertips and pull it upright, so the baking soda falls into the liquid. You might have to shake the fingers of the glove to get the baking soda to fall.

Analysis and Conclusion:

What happened when the baking soda fell into the mystery liquid?

What do you think the mystery liquid is? Why do you think this?

Why did the baking soda and mystery liquid react the way it did?

Was your hypothesis supported or rejected? Explain.