

SCIENCE

WHAT WATER GLOW

Procedure:

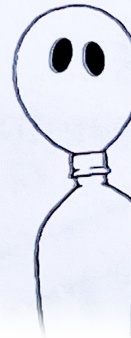
1. Before beginning
2. Label the cups
3. ...

CREATE A GHOST BALLOON

- Materials:
- White balloon
 - Black sharpie
 - Empty water bottle
 - Vinegar
 - Baking Soda

Procedure:

1. Draw eyes on the white balloon using the black sharpie
2. ...
3. ...
4. Secure the bottle, but be sure to not ...



WHAT WATER TEMPERATURE WILL MAKE THE GLOW STICK LAST THE LONGEST?

Procedure:

1. Before beginning, write your prediction below
2. Label the cups to match the liquid temperature that you'll put inside. Pour 1/2 cup of the hot water, room temperature water, and ice water into the labeled cups
3. Crack all three glow sticks. Quickly place one glow stick in each of the three cups
4. After time, write your observations below

- Materials:
- Hot water
 - Room temperature water
 - Ice water
 - 3 glow sticks
 - 3 cups
 - Marker



	Hot Water	Room Temperature	Ice Water
Observations			

Prediction _____

What can you conclude from this experiment? _____

How will you use this new information in the real world? _____

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Halloween Themed Science Experiments

What's Included?

- Materials Page
- Student Recording Sheets that include the materials and procedure
- 5 Science Activities:
 - Create a Ghost Balloon
 - What Liquid Will Dissolve Candy Corn the Most?
 - What Water Temperature Will Make the Glow Stick Last the Longest?
 - Pumpkin Candy Towers
 - Static Electricity

- Vinegar
- Baking Soda

Procedure:

1. Draw eyes on the white balloon using the black sharpie.
2. Add 2 tablespoons of baking soda to the balloon.
3. Add 1 cup of vinegar to the empty water bottle.
4. Secure the balloon on top of the water bottle, but be sure to not let any of the baking soda fall out of the balloon yet.
5. Quickly lift up the balloon, shaking the baking soda into the vinegar in the water bottle. Be sure to keep the balloon attached to the water bottle.



Teach
Science
Concepts
While Having
Fun!

What did you observe happen? The balloon

How could you change this into an experiment?
amounts of baking soda and

Materials Needed

- Create a Ghost Balloon
 - White balloon, black sharpie, empty water bottle, vinegar, baking soda
- What Liquid Will Dissolve Candy Corn the Most?
 - 3 different liquids, clear cups, candy corn, spoon, timer, paper towels
- What Water Temperature Will Make the Glow Stick Last the Longest?
 - Hot water, room water, ice water, glow sticks, cups, marker
- Pumpkin Candy Towers
 - Pumpkin candies, toothpicks
- Static Electricity
 - Tissue paper, scissors, balloons

Teachers Like You Say:

★★★★★ Extremely satisfied

LOVED these labs! So much fun to do during Halloween

★★★★★ Extremely satisfied

My students loved doing these excitements. I loved how easy they were to plan and use. Great resource.

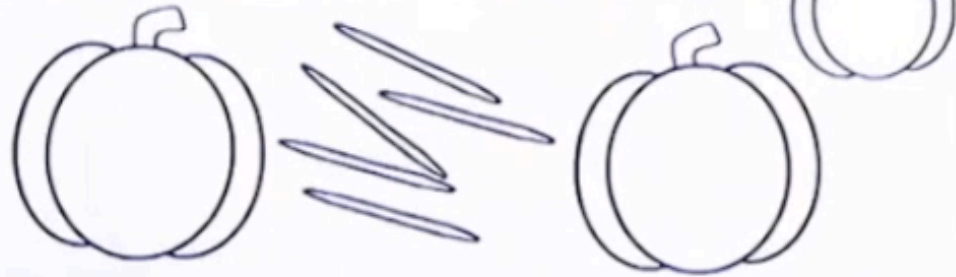
★★★★★ Extremely satisfied

Thank you for the perfect resource leading up to Halloween!

PUMPKIN CANDY TOWERS

Materials:

- Pumpkin Candies
- Toothpicks



Task:

Create the tallest, free-standing pumpkin candy tower using only pumpkin candies and toothpicks.

Before building, draw a plan:

**Record
Observations &
Draw Conclusions
On the Recording
Sheets**

Did your tower turn out just like your plan? _____

What challenges did you experience? _____

Tips to Manage Science Activities

- Give students time to “explore” materials. If you give time to students to explore, play with, and get acquainted to the materials, there is less time wasted during the actual experiment.
- Have small group sizes so everyone can take on an active role in the experiment.
- Limit downtime. If students need to wait for results, give them a task like making a prediction, drawing and labeling their experiment, answering questions about observations, etc.
- Try the experiment ahead of time as a teacher.



Name: _____

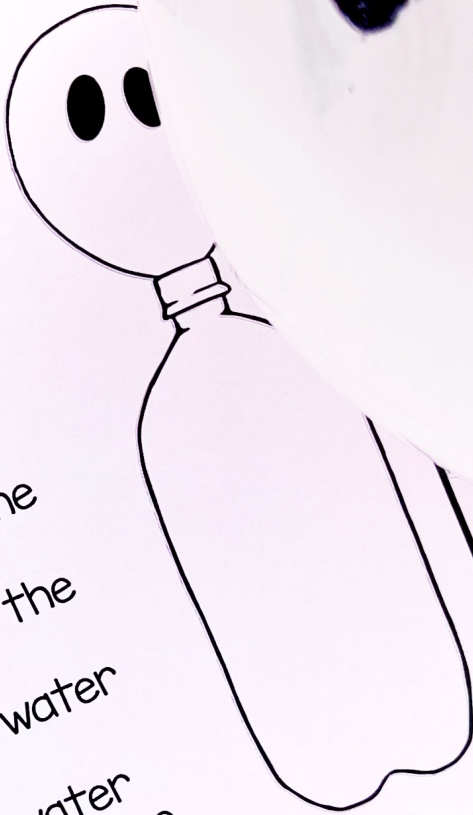
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- Baking Soda

Procedure:

1. Draw eyes on the white balloon using the black sharpie.
 2. Add 2 tablespoons of baking soda to the balloon.
 3. Add 1 cup of vinegar to the empty water bottle.
- Secure the balloon on top of the water bottle, but be sure to not let any of the vinegar fall out of the balloon yet. Shake the balloon, shaking out the vinegar in the bottom of the balloon. Keep the balloon tight enough.



dated _____

Why Should I Use Science Experiments on a Holiday?

- Students are often incredibly energetic on Halloween. Instead of trying to teach boring concepts on a holiday, allow students to have fun while still learning science.
- Hands-on activities create a level of student buy in. There's motivation to learn and grow now that the student has enjoyed a learning activity.
- Hands-on activities will also allow students to be social. This will help you channel student energy into something academic.
- Have fun with your students! They are able to see your personality and you are able to learn more about them, too.

OVER 60 holiday themed experiments just like this one!

Chloe Campbell
EDUCATION

LIQUID WILL DISSOLVE LUCKY CHARM MARSHMALLOWS THE MOST?

Materials:

- 3 different liquids
- 3 clear cups
- 3 marshmallows
- Spoon
- Timer
- Paper Towels

Procedure:

1. Label the cups to match the liquid that you'll put.
2. Place one marshmallow in each of the three cups.
3. Pour 1/4 cup of liquid in each cup to match the label.
4. After 5, 10, and 15 minutes, use the spoon to pick up the marshmallow. Carefully place the marshmallow back in the container and wipe off the spoon. Record your observations in the chart below.
5. Repeat for each marshmallow.

Liquid #:	Liquid #2:	Liquid #3:
1. Vinegar	2. Salt Water	3. Water
partially dissolved	partially dissolved	partially dissolved

SCIENCE EXPERIMENT BUNDLE

Chloe Campbell
EDUCATION

RAINBOW MILK INVESTIGATION

Name: _____

Materials:

- Milk
- Liquid Food coloring
- Dish soap
- Cotton swab
- Bowl or pan

Procedure:

1. Pour a thin layer of milk into the bowl or pan.
2. Add drops of Food coloring all around in the milk to create a rainbow.
3. Pick up a cotton swab and dip it in the dish soap.
4. Touch the cotton swab to the milk. Press down in one spot and hold it there to see the reaction. You may need to dip the cotton swab in the dish soap in between turns so the reaction will still occur.

Draw a sketch of your milk and Food coloring drops after the cotton swab touched it.

Interactions

on to an experiment? Liquid

STUDENT RECORDING SHEETS

Save 40% on the BUNDLE!