

Candy Cane Experiments

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If you have any questions, please email me at angela@teachingmama.org

The clip art is from the following:



Name: _____

Fizzing Candy Canes

Materials: candy canes, tray, vinegar, baking soda

1. Pour baking soda onto a tray. Spread it out.
2. Place the candy canes on top of the baking soda.
3. Use a dropper or spoon to pour vinegar on top.
4. Watch as a bubbly reaction happens!

Observations

Draw what your candy canes look like.

At the beginning

After 1 hour

Name: _____

Sink or Float?

Materials: candy canes, bowl with water

1. Fill a bowl with water.
2. Put a candy cane in the bowl.
3. Observe if the candy cane sinks or floats.

Do you predict the candy cane will sink or float?

Draw or write your observations.

Name: _____

Dissolving Candy Canes

Materials: candy canes, glasses, 6 liquids

Directions: Fill 6 glasses with the same amount of liquid: cold water, hot water, cooking oil, vinegar, lemon juice, and sugar water. Place a candy cane in each glass. .

Which liquid do you predict will dissolve the fastest?

Which liquid do you predict will dissolve the slowest?

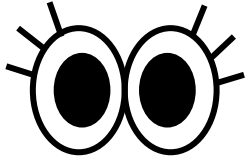
OBSERVATIONS

cold water	hot water	cooking oil
vinegar	lemon juice	sugar water


Name: _____

Exploring Candy Canes


Directions: Use your 5 senses to explore a candy cane.
Write down your observations.



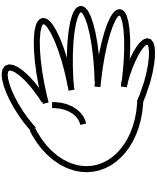
sight



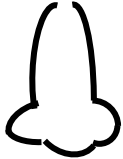
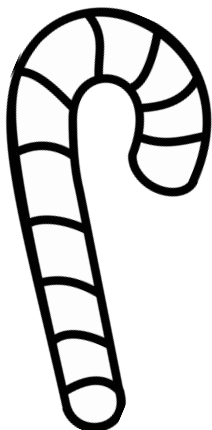
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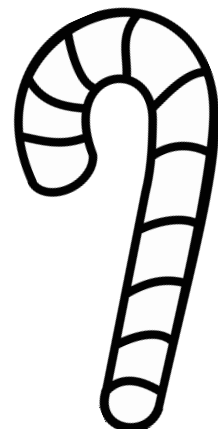
taste



touch



smell



Name: _____

Dancing Candy Canes

Materials: crushed candy canes, jar, baking soda, vinegar

1. Crush a candy cane into small pieces. You can use a hammer for this or just break them with your hands.
2. Pour vinegar into a tall glass or jar until it's half full.
3. Add in the candy cane pieces.
4. Then add in baking soda one teaspoon at a time.
5. Watch as the bubbles make the candy cane pieces dance around the jar!

Do the candy canes dance?

after 1 teaspoon

yes no

after 2 teaspoons

yes no

after 3 teaspoons

yes no

after 4 teaspoons

yes no