

Dissolving Candy Canes!

How long does it take for a candy cane to dissolve? Let's experiment to find out!

Supplies:

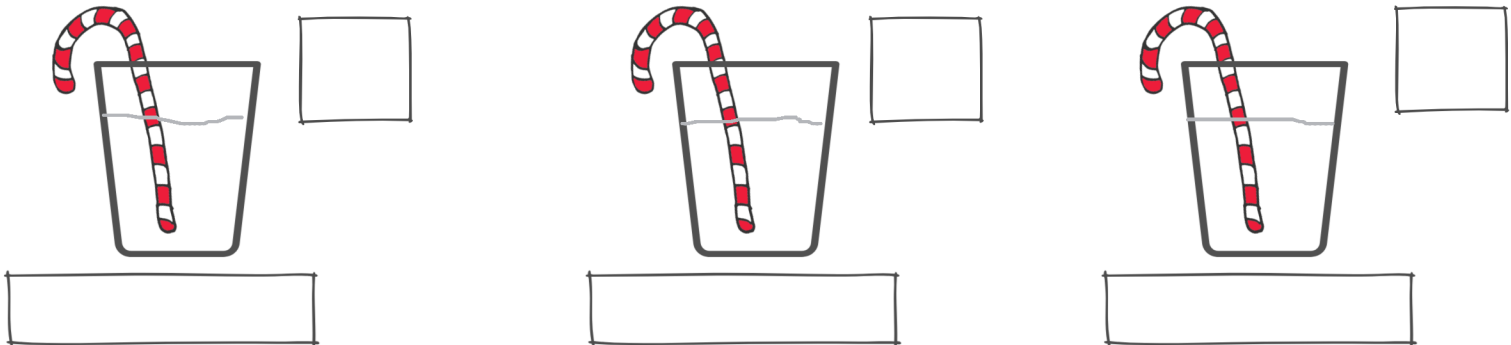
- * three clear cups
- * three different liquids - OR - water in three temperatures (hot, room temperature, cold)
- * three candy canes

Experiment:

- * Fill the three cups with your liquids or different temperatures of water.
Use this lab sheet to track your experiment. Label each cup below to match your experiment.
- * Hang a candy cane over the edge of each cup with the bottom in each liquid.
- * Observe the glasses and watch to see any changes.
- * Which liquid dissolves the candy cane fastest?
- * How long does it take to dissolve the bottom of the candy cane completely?

How can you show your results?

- you can time your cups to see which dissolves first, second, and third and fill in the boxes to show 1st, 2nd, 3rd
- you can turn this page over and draw a picture of your cups and what they looked like before, during, and after your experiment
- you can turn this page over and write your results in your own words



Vocabulary:

dissolve - to become part of a liquid
mixture - two or more things combined

liquid - a form of matter that flows
solution - a mixture where one thing is dissolved into another