



Curiosity Guide #308

Candy Science

Accompanies Curious Crew, Season 3, Episode 8 (#308)

Floating Letters

Investigation #1

Description

Amaze your friends with this sweet demonstration!

Materials

- Package of regular M & M's
- Package of Skittles
- Glass of water

Procedure

- 1) Fill a glass half full of water.
- 2) Drop several M & M and Skittles candies into the cup.
- 3) Wait 15 to 20 minutes.
- 4) Look closely into the cup.
- 5) Do you see anything floating?

My Results

Explanation

Candy companies often print logos or images on the candy. The letters are printed with an ink that is edible. Did you notice that the letters were floating in the cup? This is because the candy shell dissolves in water, but the letters and hard candy shell do not. They are not water-soluble. After the candy has been submerged for a number of minutes, the outer shells dissolve, leaving the edible ink logos floating in the water.

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