

M&M Activities

Goal: Show the cool things that M&M's can do when they interact with water

M&M Rainbow

Materials -

- M&M's
- Cup of Water
- Paper Plate

Procedure -

1. Get a paper plate and line M&M's around the edge in a circle that follows the outside edge (you will get better results by varying the colors of the M&M's)
2. Pour the water into the center of the M&M ring until the water reaches the M&Ms
3. Wait 3-5 minutes and observe what happens

☆ Explanation: The outer coating of an M&M consists of food coloring and sugar, which both have molecules that are hydrophilic, or like water. When submerged in water, the outer coating will start to dissolve as it is attracted to the water, causing the dye to mix with the water, creating the rainbow-like pattern

Image(s) -



M&M - The Removable M

Materials -

- M&M's
- Cup of Water

Procedure -

1. Get 3-4 M&Ms (make sure they all have an M that is not chipped)
2. Fill a small cup with water and place the M&Ms inside with the 'M' facing upwards.
3. Wait 4-5 minutes until the outer coloring of the M&Ms has dissolved and wait to see the paper 'M' floating near the surface
4. Carefully reach your finger inside and you have the M!

☆ Explanation: M&Ms are not only tasty, but great for experiments. The white M on an M&M is made of a type of edible paper that can be removed from the sugar coating when immersed in water.

Image(s) -

