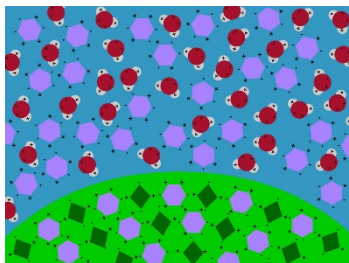






## EXPLAIN IT WITH ATOMS AND MOLECULES

5. Thinking about your observations, the animation, and the illustration, explain why you think the sugar solution doesn't dissolve the M&M's coating as well as fresh water does?



M&M in sugar solution

## TAKE IT FURTHER

### Question to investigate:

What happens when two or more M&Ms are in the same plate of plain water at the same time?

### Procedure

1. Place enough water in a plate to cover an M&M.
2. Place 3 or 4 M&Ms of different colors near each other in the water as shown.
3. Observe for 2 to 3 minutes.



## WHAT DID YOU OBSERVE?

6. When you looked at the M&Ms in the water, what did you observe?
7. Based on what you saw when you tried to dissolve an M&M's coating in a sugar solution, why do you think the colors formed a kind of "line" when they met?