## 1*

CAKE CHEMISTRY!

## An experiment! (Adult assistance required)

Naveen realized baking was a lot like science. You needed to follow a set of rules to get a predictable result. But what difference does each ingredient make in a cake?

## Supplies:

- A muffin tin
- 5 cupcake liners
- Food coloring
(four different colours)
- 4 eggs
- Sugar
- Butter
- Flour
- Baking powder
- Milk
- Toothpicks

2. Place five cupcake liners in the muffin tin.

## A Basic Cupcake Recipe:

- 1 egg white
- 2 tablespoons sugar
- 2 tablespoons butter, melted
- 1/4 cup flour
- 1/4 heaping teaspoon of baking powder



## Process:

1. Preheat oven to $350^{\circ} \mathrm{F}$.
2. Make the basic cupcake recipe. Poor it into one spot in the muffin tin.

3. Make the basic recipe for more times. Each time, omit one of the following ingredients: egg, butter, milk, and baking soda. Add a drop of food colouring to identify each ingredient left out: yellow for egs, green for butter, blue for milk and red for baking powder.
*Tip: Fill each cupcake liner $2 / 3$ full. Excess batter can be discarded.
-xuct the remaining liners.

