SCIENCE NOTEBOOK : M&M'S
INVESTIGATION 1

Resource Center

You will need : m&m's

What to do:
Take an M&M and look at it very closely.
Open an M&M and look at the inside.
Describe what you see and make a drawing .

After the investigation
Write down your observations here:

After the investigation
Draw your observation here:

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INVESTIGATION 2

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You will need : m&m's, water, plate

What to do:

1. Fill a plate with water so that the bottom of the plate is completely covered.
2. Put an M&M in the middle. (The water must not move!)
3. Predict: What will happen?
4. Observe closely for one minute.
5. Describe what you have observed and make a drawing.

Write down your observations here.

Before the investigation:

After the investigation:

Draw your ideas here. **Before the investigation:**

Draw your observation here. **After the investigation:**

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You will need : m&m's, water, plate

What to do:
Plan an investigation to find out which of the 6 colors of the M&M dissolves in the water the fastest.
Observe what happens, and document what you see:
Do different colors dissolve faster than others? If so, which ones?
If not, what else did you observe?
Can you explain what happened?
What other questions come up for you?

Plan an investigation
Write down the different steps in your plan here:

After the investigation
Draw your observation here:

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You will need : m&m's, water, plate

What to do:

What happens if you put 2 or more M&M's on a plate?

1. Fill a plate with water so that the bottom of the plate is completely covered.
2. Carefully place 2 M&M's with 2 cm distance in the middle of the plate. (The water must not move!)
3. Make a prediction: What will happen?
4. Watch what happens for one minute
5. Record your observations in a drawing.
6. What other combinations do you want to test? Now you can take as many M&M's as you want and try the investigation again. Record the combinations.
7. Before the experiment: Record what **you think will happen.**
8. After the experiment: Record what happened **below**.

Before the investigation: Draw your ideas here.

Before the investigation: Write your **ideas about what will happen** here.

After the investigation:
Write down your observations here.

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After the investigation: Draw your observations here.

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INVESTIGATION 5

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You will need : you decide

What to do:
Develop your own **Investigation**
What else would you like to investigate?
Develop an investigation yourself for a question you are wondering about.
Describe what you will do and make a sketch!

Description of your investigation:

Investigation: Draw your steps here.

more info at: https://sciteach.uni.lu

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