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Teacher's name
August 30, 2016
Period 1

Mustard Seed Germination in Cola

2. Purpose:

The purpose of this experiment was to see if mustard seeds can germinate in cola.

3. Hypothesis:

If we put mustard seeds in cola, then will germinate better than in water.

4. Materials:

Cups

Mustard Seeds

Cola

Tape

Saran wrap

Pipette

Graduated cylinder

5. Procedures:

1. Labeled our cups.

2. Added 10 mustard seeds to each cup

3. Added 10 mL of water to one cup and 10 mL of cola to the other cup.

4. Covered the cups and let them grow for two days, then observed our results.

6. Data:

See attached data

7. Results:

See attached graph

8. Conclusion:

The purpose was to see if mustard seeds germinate in cola. I thought that mustard seeds would germinate better in cola than in water. My hypothesis was wrong.

We grew mustard seeds in cola. Our control was growing mustard seeds in water. The independent variable was growing mustard seeds

in cola. The dependent variable was the germination of the mustard seeds. I learned that mustard seeds do not germinate in cola because no seeds sprouted in cola, while 9 seeds sprouted in the water.

One of the hidden variables in our experiment was room temperature.

Room temperature did not stay the same throughout the experiment, it could have affect the germination of the mustard seeds. Another hidden variable....