

iGraduate Online Opportunities

Troy Junior High / High School





Reality Fair Online Game

[Powerpoint Presentation](#)

[Reality Fair Video](#)



A large, circular graphic on a blue t-shirt. The background of the circle is a light, textured color, possibly representing snow or a mountain peak. The word "SUCCESS" is printed in large, bold, blue-outlined letters across the middle. Below it, the text "at anything will always come down to this:" is written in a smaller, white font. Underneath that, the words "FOCUS & EFFORT." are printed in large, bold, white-outlined letters. At the bottom of the circle, the text "And we control both. - Dwayne 'The Rock' Johnson" is written in a white font.

SUCCESS
at anything will always come down to this:
FOCUS & EFFORT.
And we control both. - Dwayne "The Rock" Johnson

Online Community Career Fair

Online Career Fair



Online Student Portfolios

[Online Strut Your Stuff](#)

[Allyson's Portfolio](#)

[Abigail's Portfolio](#)

[Trevor's Portfolio](#)



Virtual Science Fair

Procedure

1. Fill 5 test tubes with one inch of Benedict's solution.
 2. Add 1/2 spoon of food solution to a pipette.
 3. Put the solution in the test tube.
 4. Put the test tube in the pot and boil for 5 minutes.

SCIENCE FAIR

Sample #	1	2	3	4	5
1	3	4	3		
2	5	4	3		
3	5	4	3		
4	5	4	3		
5	5	4	3		

Visual Presentation

Sample #	1	2	3	4	5
1	5	4	3		
2	5	4	3		
3	5	4	3		
4	5	4	3		
5	5	4	3		

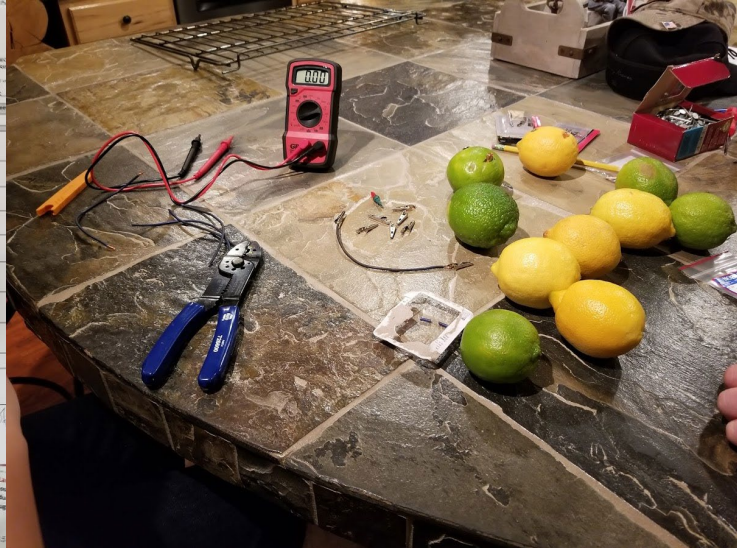
Additional comment 10 24 34

Result Interpretation of Benedict's Test

If the color upon boiling is changed into green, then there would be 0.1 to 0.5 percent sugar present.

If it changes color to orange, then it means that 1 to 0.5 percent sugar is present.

If the color changes to red then 0.5 to 2.0 percent sugar is present.



What's in your cereal?

Abstract

In this experiment we tested for glucose in different foods. We used benedict's solution to find the amount of glucose and the color change.

Question

What is the amount of glucose in your food? (Peanut butter, apple sauce, milk, unsweetened cereal, sweetened yogurt, and dark chocolate)

Hypothesis

That sweetened cereal will have the most glucose and will have the least amount of glucose.

Background search

Sugar is a simple sugar that plants produce by the process of photosynthesis. Like all carbohydrates, it is made up of carbon, hydrogen, and oxygen. Glucose is the primary source of energy for most organisms. It is able to enter our cells and provide energy right away. It would not function. In this experiment we tested for glucose in different food substances for the purpose of finding out which food has the most glucose.

Materials

- 1 Large Test Tube
- 1 Test Tube Rack
- 1 Beaker
- 1 Test Tube Clamp
- 1 Benedict's Solution
- 1 Disposable Pipette
- 1 Test Tube Cap

Procedure

1. Fill 5 test tubes with an inch of Benedict's solution.
2. Add 1/2 drops of food solution with pipette.
3. Fill a medium beaker halfway with water.
4. Put the beaker into pot and fill to level of water in the pot.
5. Add test tubes to beaker.
6. Remove, place in test tube w/ test tube clamp.
7. Observe and record.

Results

Conclusion

For conducting this experiment I determined that my hypothesis was incorrect. I thought Sweetened Cereal and Sweetened Yogurt would have had the most glucose and while they had enough to turn the solution orange, they did not have the most. It was found that the food product containing the most glucose was Peanut Butter.

Future Directions

The exploration of glucose and the contents of food could include Potato Chips, Avocados, and that shows the amount of sugar compared with information. Finally, it would be interesting to find the amounts of other forms of sugar in different foods.

Yasha Jade McCann



We Pledge to GRADUATE CLASS OF 2025

Handwritten names on the banner include: Dwyer, C. Hammer, Tarrance, Lady Todd, Bella, and others. A Native American mascot logo is also present on the banner.

Future Goals & Career Mentorship

College Week Scavenger Hunt

[College Week Locker Celebration](#)

[College Week Video](#)

[Career Interest Survey](#)

[End of Year Check Out](#)





Virtual Talent Fair

Started out as a game of “The Masked Singer”

Aiden

Elliot

