**Tap vs Bottled Water?**

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How much do we in the U.S.A. spend a year on bottled water?  Would it surprise you that we spend nearly $16 billion! *Why* do we spend so much money on bottled water?  What about tap or city water? Well water?  Where does our water come from anyway? Is our water safe to drink? What can cause water to be unsafe?  Can unsafe water be made drinkable?

We know that life cannot exist without water.  We also know that clean, fresh water is an essential resource for all human beings.  What you may not realize is that not everyone in the world has reliable, regular access to safe drinking water.  Even in the US, water quality is a serious issue for some. Understanding what water is, its chemistry, helps us understand why it's so important, why it can become polluted, and how it can be made safe.  Chemistry tools and knowledge can help us understand the difference between one type of water and another.

For the remainder of the semester, you will learn about water. After researching the differences between tap and bottled water, you are expected to complete the following:

1. Create a Google Slide presentation summarizing the results of your findings

2. Prepare a one page article as if you are writing for the local newspaper

3. Create a digital poster to share this information with the public

Rubric:

Earn up to an 85 if Google Slide presentation is completed.

Earn up to a 95 if Google Slide presentation and article are completed.

Earn up to a 100 if Google Slide presentation, article and digital poster are completed.

The digital poster can be a picture of an actual poster that you make or something you choose to create using computer resources such as Google Slides and inserting pictures.

Google Slide Presentation has the following nine minimum requirements:

Chemistry of Water

Why so much demand for bottled water?

Quality comparison of bottled vs. tap water

Cost comparison of bottled vs. tap water

Identifying your source of water at home

Making unsafe water safe

Alternatives to bottled and tap water

Conclusion: Discuss your preference of bottled or tap water and why

References

Due date is June 12th

Email with any questions

Thank you,

Mr. McDonald