**Gummy Bear Lab: Science Journal**

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| Gummy Bear Observations |  |

**Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What is the best way to measure the volume of a gummy bear? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Experiment Procedure:**

**1.**

**2.**

**3.**

**4.**

**5.**

**6.**

**7.**

**8.**

**9.**

**10.**

**Data Table:**

**Calculate Percent Change: (show all work)**

|  |  |  |
| --- | --- | --- |
| **Lab Team** | **Percent Change of Bear Volume** | **Clarifying Questions, Responses and Notes** |
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**Analysis Questions**

**What was your method?**

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**What can you conclude about the effectiveness of your method?**

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**What did you find to be the percentage increase of gummy bears soaked in water?**

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**How do the data or your experiences support your conclusion and why?**

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**What worked well with your method? What did not?**

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|  | **Define** | **How and why is the concept necessary?** | **Example of what it looks like in a science classroom** | **Example of what it looks like in the greater scientific community** |
| **Communication** |  |  |  |  |
| **Collaboration** |  |  |  |  |
| **Skepticism** |  |  |  |  |
| **Integrity** |  |  |  |  |
| **Courage** |  |  |  |  |
| **Peer Review** |  |  |  |  |