Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Physical Properties of Matter Research Project (70 pts):

Please choose an element or compound (two or more elements) on the physical properties of matter to research. For your element or compound you must describe its, each category below must be listed in your project and is 10 pts each:

* Appearance and color
* Freezing point
* Melting Point
* Boiling Point
* Density
* Mass
* State of Matter

These terms and the correct units must be identified in your research project. You can present your physical properties in a number of ways. Imovie, piccollage, AnimtoVideo Maker, and Keynote are some apps, which could help you present your project to the class. Correct grammar and spelling will need to be displayed in the project for full credit.

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Physical Properties of Matter Design Your Own Experiment Project:

Please choose a physical property of matter to research and design your own experiment to share with the class.

Physical Properties include:

* Density
* Freezing point
* Boiling Point
* Absolute Zero
* Melting Point

In your research you must create a visual guide to illustrate and explain your property. This may be done on: Imovie, piccollage, AnimtoVideo Maker, and Keynote. Your physical property should be fully explained in the visual project. The experiment should include: The experiment is 50 points and the visual project is 50 pts. Correct spelling and grammar will affect your score and you will have to share your findings with each other, which will be 20 points of your overall score.

* A question (10)
* Hypothesis (10)
* Materials List and Procedure (10)
* Data and Results (10)
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