Sign Up List!!!

**Matter**

1. Changes in states of matter

**Mechanics**

1. Gravity

2. Gravity

3. Friction

4. Friction

5. Force

6. Force

7. Work

**Matter in Motion**

1. Newton’s 1st Law

2. Newton’s 2nd Law

3. Newton’s 3rd Law

4. Projectile Motion

5. Momentum

**Energy in Motion**

1. Sound/Music

2. Electromagnetic Energy

3. Light and Color

4. Radio and Television

5.1st Law of Thermodynamics

6. 2nd Law of Thermodynamics

**Electricity and Magnetism**

1. Electricity

2. Electricity

3. Magnetism

Science Experiment Activities!

You are to present a science experiment to the class based off of your assigned topic. You will have 5-7 minutes to explain your experiment and how it relates to your topic, present your experiment and answer questions by your classmates/teacher at the end. Along with your experiment, you will need to complete a paper covering the topics listed below:

1. What is your topic and background information needed to know for your experiment.

2. The step by step process of your experiment.

3. What should happen AND WHY

4. Conclusion

The first 3 paragraphs should be 5-7 sentences and the conclusion can just be a couple sentences. You can write the second paragraph as a list if you’d prefer to do that rather than in standard paragraph form. Please TYPE your paper and use TIMES NEW ROMAN size 12 DOUBLE SPACED so that I can read your papers ☺

**Put everything in YOUR OWN words! Do not copy from the book or internet! This will result in a ZERO**

You will be graded using the following rubric: PLEASE BRING THIS RUBRIC

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Score | 5 | 3 | 1 | 0 |
| Paper:  Organized/ Met criteria | Followed the format given and met all criteria. Paper was well thought out. | Followed the format given. There were a few errors but most of the criteria was met. | Paper had errors in format. Most of the criteria was not met. | Did not follow the correct format and did not meet any criteria given. |
| Paper:  Content | Content was correct and plentiful. It really shows that the writer understands the topic well. | Content was mostly correct but left out some main ideas. Shows a general understanding of the topic. | Content was mostly incorrect OR was lacking the main ideas. Shows a lack of understanding the topic. | Content was sparse and did not show any understanding of the topic. |
| Presentation: Time/Well Prepared | Presentation lasted 5-7 minutes and presenter was able to answer all questions. Had all materials needed | Presentation went a couple minutes too long or not long enough presenter was able to answer most questions. Had all materials needed. | Presentation went a couple minutes too long or not long enough presenter was not able to answer any questions. Did not have materials needed. | Did not present |
| Presentation: Content | Experiment lined up with the topic. Presenter explained the connection very clearly. The experiment was well thought out. | Experiment mostly lined up with the topic. Presenter explained the connection very clearly. The experiment was well thought out. | Experiment somewhat lined up with the topic. Presenter did not explain the connection. The experiment was not well thought out. | Experiment did not line up with the topic. The experiment was not well thought out. |

Total Score \_\_\_\_\_\_\_\_\_\_ x 2 = \_\_\_\_\_\_\_\_\_\_\_/40