Name:

Teacher:

Class

Date:

An Original Title For Your Experiment实验报告标题:

Instructions说明:

Your report must be typed using a computer and formatted using approved essay formatting conventions. Your document must contain both “headers” and “footers”, have a unique title, use either the fonts “Arial” or “Times New Roman”, use a font size of 12pts. and be doubled space. Your final report must also be within +/- 10% of the stated word limit. Try to be as clear and concise as you can when writing your responses but don’t write too much or too little.

报告必须是电子版本，并使用经批准的论文格式。文档必须包含“页眉”和“页脚”，有标题，使用“Arial”或“Times New Roman”字体，字体大小为12号，两倍间距。最终报告也必须在规定字数限制的10%上下范围内。尽量做到清晰简洁，不要写得太多或太少。

Introduction & Purpose 简要&目的:

This is sometimes also referred to as an **“Abstract”**. Write a short introduction to the experiment. This section should introduce the topic of the project, note any information that is already available, and explains why you are conducting the experiment.

通常也被称为“摘要”，写一篇实验简要报告。这一部分应该介绍项目的主题，记下任何已有的信息，并解释为什么要进行实验。

Hypothesis 假设:

Explicitly state your hypothesis or question. Make sure you describe what you predict will happen and why you believe it will happen in the way that you have predicted. You must indicate the cause and effect, I believe that XY&Z will happen because…

明确地陈述你的假设或问题，确保你描述了你预测会发生什么，以及为什么你相信它会以你预测的方式发生。必须说明因果关系，我相信XY&Z会发生，因为…

Experiment Design 实验设计:

The **“Basic Resistor”** experiment has already been designed for you; however you should be able to describe the design of the experiment in your own words.

“基本电阻器”实验已设计好，用自己的语言描述实验的设计。

Materials and Method 材料&方法:

The materials for the **“Basic Resistor”** experiment have already been sourced and provided for you; however you should be able to summarize the materials that were needed for you to complete and conduct the the experiment in your own words.

“基本电阻器”实验的材料已经采购并提供，用自己的话总结进行实验所需的材料。

Data and Results 数据&结果:

You will need to create a table to record all of your findings. You will need to record information relating to **"Experiment A:** *Control Circuit***", "Experiment B:** *Parallel Circuit***", & "Experiment C:** *Series Circuit***"**. In addition to recording your own findings you will also be required to record the findings from two other student's experiments and then average the results. Once you have performed the experiment and recorded all of your data you will need to write a summary where you interpret the results and data collected from performing the experiment.

创建表格来记录所有发现，记录与"实验A:控制电路"、"实验B:并联电路"和"实验C:串联电路"相关的信息。除了记录你自己的发现之外，还需要记录其他两位学生的实验发现，然后算结果平均数。最后写一份总结，解释实验结果和从实验中收集的数据。

Conclusion 结论:

The Conclusion focuses on the Hypothesis or Question as it compares to the Data and results. Was the hypothesis supported or disproved?

结论侧重于假设或问题，因为它与数据和结果相比较。这个假设是被支持的还是被推翻的?

NOTE: *DO NOT CHANGE YOUR HYPOTHESIS TO SUPPORT YOUR FINDINGS*

注意：不要改变你的假设来支持你的发现