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Reflection Essay

My experience with the final project on the resistance in a circuit with a water hose was both educational and enjoyable. Exploring the concept of resistance and relating it to a real-life analogy helped me develop a deeper understanding of the topic. The use of the water hose analogy made the concept more relatable and accessible, enabling me to grasp the fundamental principles of resistance more easily. It was a creative and engaging way to learn about a complex topic.

One aspect that I thoroughly enjoyed about this project experience was the opportunity to apply real-life analogies to complex scientific concepts. The analogy of the water hose effectively conveyed the relationship between resistance and the flow of electrons, making it easier to comprehend. It provided a relatable context that helped me grasp the abstract nature of electrical resistance. This hands-on approach enhanced my understanding of the topic and made it more enjoyable to research and present. However, there were some aspects of the project experience that I found less favorable. However, One area of concern was the limitation of using only a PowerPoint presentation as the chosen format. While PowerPoint is a widely used tool for presentations, I believe that incorporating additional interactive elements could have enhanced the overall learning experience.

In conclusion, the project on resistance in a circuit with a water hose was an enriching experience that deepened my understanding of the topic. The use of the water hose analogy, along with the PowerPoint presentation, facilitated the learning process and improved my communication skills. Overall, the project was a valuable learning opportunity, and I am grateful for the knowledge gained through this experience.