**The Scientific Method of the Atomic Structure**

The atomic structure has gone through many changes. It has taken countless experiments from various scientists to develop the atomic structure as we know it today. This mini project is designed to help you work through the scientific method while exploring one particular scientist, by working through their scientific method.

**This is what I am expecting from you:**

**Step One:** Pick one scientist who has helped develop the atomic structure.

**Step Two:** Work through the scientific method in the mind of the scientist:

* **Title:** Develop a title.
* **Research question:** What question was the scientist trying to answer?
* **Background Information:** What background information did the scientist have from pervious scientist? What background information was important to help the scientist answer the research question? *(2-3 Paragraphs)*
* **Hypothesis:** What was the scientist hypothesis? (Remember every hypothesis is a “If….. Then” statements).
* **Plan:** What experiments were conducted? What were the procedures? What were the variables?
* **Conduct Experiment:** What observations were observed?
* **Collection of Data:** What charts, tables, graphs, etc. were generated?
* **Conclusion:** What was the scientist conclusion? What is your conclusion? *(2-3 Paragraphs)*

Make sure you cite all sources and pick a scientist who has contributed to the **atomic structure.** This assignment should be typed, times new roman, 12 point font, doubled spaced. Your header should include you first and last name, the date, and block. Please email all assignments to goretchs@gmail.com. In your subject heading have your last name, block, and assignment. If you have any question please ask.