*Name:*

*Date:*

**Atomic Structure and Periodic Table Project**

*Due: Feb 6, 2015*

**Topics**

1. Show and explain the development of the periodic table

* Include all major philosophers and chemists that supported the development of the periodic table.
* Include examples (visual) of each progress in the development of the periodic table.

1. Describe the current periodic table’s characteristics and composition.

* Explain how the periodic table is used
* Identify what information can be found on the periodic table.
* Include the advantages and disadvantages of the modern periodic table
* Include the characteristics for 2 of the 3 types of elements found on the periodic table
* Choose at least 2 subcategory of elements on the periodic table to describe

1. Show and explain the development of the atomic theory

* Include all major philosophers and chemists that supported the development of the atomic theory
* Include a visual of each model in the development of the atomic theory.

1. Describe the current atomic structure theory’s characteristics and composition.

* Explain the composition of the modern atom
* Explain the two models used to represent the models used. Why do two need to be used?
* Include the advantages and disadvantages of each modern atomic model.
* Explain the process in drawing an atomic model of an element

Extra information:

* At least 12 pictures should be included.
* At least two videos created by someone else or one by a group member must be included. This does not count for the project’s criteria. Videos can be added within the paper.
* Paper should be a more detailed, typed explanation of the material.
* Paper should be at least one page single spaced, 12pt Times New Roman Font (heading should be on two lines).
* All sources must be cited at the end of the paper or on the website. This does not count for the length of the paper.
* Grammar and spelling will be considered.
* All projects must look presentable and professional.

**Choose from the following methods to present the project:**

1. Power Point and Paper
2. Poster and Paper
3. Website (20pts extra credit)