Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**History of the understanding of the atom**

You will be using various resources to research each scientist listed. You will determine what they thought the nature of the atom was and some of the experiments or research they conducted to come up with their ideas. You will also want to sketch and describe a model of what their atom looked like.

|  |  |  |  |
| --- | --- | --- | --- |
| The scientist | Determine the year the scientist was studying the atom and describe any experiments and/or research that helped them with their understanding. | Sketch a picture of the atom according to the scientist.  Label the parts if necessary. | Describe the model and how it has changed from the previous model. Add any special names that were given to the model. |
| John Dalton  p.104 (Table 2) |  |  |  |
| J.J. Thomson  p. 108  Ernest Rutherford  p. 111 |  |  |  |
| Neils Bohr  p. 110 and p. 146 |  |  |  |
| Erwin Schrodinger  p. 152 |  |  |  |
| James  Chadwick  p. 110 and p. 113 |  |  |  |