**Atomic Models Name:**

**How do we know what we think we know?**

**Directions**: Follow along with the class presentation about atomic models. Answer the questions that appear on this sheet, and fill in *Table 1* below with the information that we discuss about the evolution over time of models of the atom. Include the information from the slide in column one, your model of the atom in column two, and the actual model of the atom developed by each scientist in column three.

1. What are models?
2. Why do we make models?
3. ***Table 1****: Atomic Models*

|  |  |  |
| --- | --- | --- |
| **Model Information** | **Your Model** | **Actual Model** |
| *Dalton* |  |  |
| *Thompson* |  |  |

|  |  |  |
| --- | --- | --- |
| *Rutherford* |  |  |
| *Bohr* |  |  |

1. Explain the scientific method using an example experiment.