

Scientists and the development of the Atomic theory

Your teacher will assign a scientist to your group. In your group, research will be conducted on the scientist and their contribution to the development of the atomic theory. This graphic organizer will allow you to organize your information about your scientist and the events that lead to their discovery, and their contributions to the atomic theory.

Guiding Question:

1. Name of Scientist
2. Background Information about your scientist
3. In which year did the scientist make their discovery
4. At the time, what types of ideas did the scientist have about the atomic theory (what was their hypothesis)?
5. What type of experiments and/or observations did the scientist conduct to their discovery of the atomic theory?
6. In conclusion, what was the final contribution from the scientist to the development of the atomic theory.

Note on Scientists and their contributions to the development of the Atomic theory

From the discussion forum, you will explore the many contributions from diverse scientists to the development of the Atomic Theory. Please write the information in chronological order to the scientific contributions to the Atomic Theory.

1. The Ancient Greeks 490-460 BC

2. John Dalton 1803

3. J.J Thompson 1893

4. Hantaro Nagaoka 1903

5. Earnest Rutherford 1911

6. Neils Bohr 1911

7. James Chadwick 1932