

AP Chemistry: Early History of the Atom: Who, what, when, and how...

Read Chapter 2 of your textbook and fill in the chart below. In some cases, there will not be a picture to go along with the description of discovery/contribution. Your description must have at least 3 statements. Counts as a lab grade and is due test day!

Name	Date(s)	What was discovered? How was it discovered? Why is it significant?	Picture representation of Discovery/Contribution
Democritus			
Robert Boyle			
Joseph Priestly			

Antoine Lavoisier			
Joseph Proust			
Joseph Gay-Lussac			

John Dalton		Be sure to list all of the components of his atomic theory!!	
Amadeo Avogadro			

Jons Jakob Berzelius			
JJ Thomson			
Robert Milikan			

Henri Bacquerel			
Ernest Rutherford			

In the space below, explain the errors or misunderstandings in Dalton's, Thomson's, and Rutherford's atomic models.

Choose 1 of the scientists above and create a logo for him on a piece of white computer paper. You must incorporate the things you learned about him in the logo. It must be colorful, neat, and relative to his discovery/contribution to our understanding of the atom. There are examples of these on the internet, but yours must be your own idea!! This will count as a lab grade. It is due test day.

For example: Isaac Newton might have a logo that looks like this:



Grading Rubric:

Neatness:	10 points
Colorful (3+ colors):	10 points
Relates to discovery/contribution:	30 points