

Chemistry I  
Timeline of the Atom

Name: \_\_\_\_\_  
Period: \_\_\_\_\_ Date: \_\_\_\_\_

Building the atom: (1) Fill in the chart about each experiment. (2) Include an approximate date. (3) Find one more experiment that contributed to building our understanding of the atom.

<b>Experiment</b>	<b>How did it contribute to our understanding of the atom?</b>	<b>Describe the experiment</b>	<b>Picture</b>
Dalton			
Cathode Ray Tube (J.J. Thomson)			
Cathode Ray Tube (Goldstein)			
Gold Foil (Rutherford)			

**Chemistry I**

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Changes in the Atomic Model: (1) Draw the model with labels. (2) Explain how the model changed compared to the previous model. (Hint: Dalton had the first model) (3) Include an approximate date.

Thomson	Rutherford
Bohr	Schrodinger