

2 • Atoms and Elements

NOTES ABOUT SCIENTISTS

Use this grid to fill in information about scientists. Some are our “signpost” scientists who made major contributions toward our understanding of the atom. Others contributed smaller important ideas that help with the overall story.

Scientist	Their “Experiment”	What they added to the atomic theory	Name of their model
Democritus			
John Dalton			
J.J. Thomson			
Ernest Rutherford			

Some of these scientists are named and described in the video, some will come from your textbook.

Scientist	Notes: (What did they do that helped develop the atomic theory?) Refer to Question 8 in the Ch 2 Study Questions.
Michael Faraday	
Joseph Proust	
Antoine Lavoisier	
Robert Millikan	
Benjamin Franklin	
Henri Becquerel	
Marie Curie	
James Chadwick	
Henry Moseley	
Dmitri Mendeleev	