

Name: \_\_\_\_\_ Section: \_\_\_\_\_

### Scientists and their Proposals/Discoveries

**Directions:** The following seven scientists have made proposals or discoveries that have lead to our current understanding of atoms and their structures. In the table below, summarize the scientist's proposal/discovery, provide a visual of what the atom would look like according to them, and describe whether or not there were issues or inaccuracies with their proposal/discovery in comparison to our current understanding of the atom's structure - Modern Atomic Theory.

Scientist	Proposal/Discovery	Visual	Issues or Inaccuracies
<u>Democritus</u> (460 BC - 370 BC)			
<u>John Dalton</u> (1766 - 1844)			
<u>J.J. Thomson</u> (1856 - 1940)			

<u>Ernest Rutherford</u> (1871 - 1937)			
<u>Niels Bohr</u> (1885 - 1962)			
<u>Erwin Schrodinger</u> (1887-1961)			
<u>James Chadwick</u> (1891 - 1974)			