

Historical Models of the Atom

Summarize models and any key experiments using the organizer below

<p>Drawing + Labels: <u>Democritus' Atomic Model</u></p> <p>Year: _____</p>	<p><u>Dalton</u> Year: _____</p> <p>Model name _____</p> <p>1. All matter is made up of tiny indivisible particles called: _____.</p> <p>2. All atoms of the same element ar the same in _____ , mass, etc.</p> <p>3. Atoms of different elements are different _____in _____and _____.</p> <p>4. Atoms of different elements combined in small whole number ratios to form _____.</p> <p>5. In chemical reactions, atoms are not created or _____ . They are _____or _____.</p>	<p><u>Thomson</u> Year: _____</p> <p>Model name _____</p>
<p>Reasoning/Evidence (summarize experiments here):</p>		
<p>Reasoning/Evidence against:</p>		

“Modern” Models of the Atom		
Drawing + Labels: <u>Rutherford</u> Year: ____	<u>Bohr</u> Year: ____	Quantum Mechanics Year: ____ ** quantum will be covered later in unit and you can summarize it here
Reasoning/Evidence (summarize experiments here):		Evidence:
Reasoning/Evidence against:		