

Atomic Structure Timeline

- You will create a "fold-out" timeline that catalogs the history of our changing idea of how an atom is structured.
- You must include 10 scientists. The bolded and starred ones are MANDATORY. You may pick the remaining scientists from this list, or find another scientist that had a major addition to the concept of atomic structure.

- | | | |
|----------------------------------------------|----------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Leucippus | <input type="checkbox"/> G.J. Stoney | <input type="checkbox"/> H.G.J. Moseley |
| <input type="checkbox"/> *Aristotle | <input type="checkbox"/> *J.J. Thomson | <input type="checkbox"/> *Niels Bohr |
| <input type="checkbox"/> *Democritus | <input type="checkbox"/> Max Planck | <input type="checkbox"/> *James Chadwick |
| <input type="checkbox"/> Eugene Goldstein | <input type="checkbox"/> *R.A. Millikan | <input type="checkbox"/> Werner Heisenberg |
| <input type="checkbox"/> *John Dalton | <input type="checkbox"/> *Ernest Rutherford | <input type="checkbox"/> Schrödinger |

Here are a few **websites** to get you started. Also, searching for "Atomic Structure Timeline" gets you TONS of things using **Google Search**.

- <http://atomictimeline.net/index.php>
- <http://www.timelineindex.com/content/select/1375/912,2,70,1375>

Requirements

- ☐ 10 scientists
 - 8 bolded/starred ones
 - 2 picked by you
- ☐ For each scientist
 - **Who:** Full Name
 - **When:** Date of discovery (sometimes this will be approximate)
 - **What:** Main thing they discovered (ONE or TWO sentences MAXIMUM!)
 - **So-What:** What did it add, or change about the current time period's understanding of atomic structure.
 - **Picture of scientist:** Printed from internet
 - **Drawing** that represents their discovery
- ☐ LOTS of color!
- ☐ LEGIBLE! Typing is totally fine for the text.
- ☐ Must be able to:
 - "Fold out"
 - Be turned into the basket
 - Be glued into your notebook after you receive it back
 - STAY CLOSED! (I love little Velcro dots for this, but however you can make it stay closed so it doesn't open up in the turn in basket, or your notebook is fine).

There will be prizes (!!!) for:

- Most unique
- Best drawn
- Most intricate
(ex: foldups within a fold out)