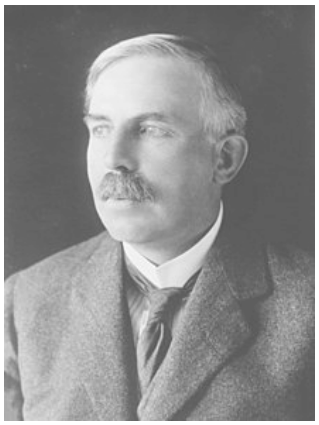
Date: Name(s):

SCIENCE 8: ATOMIC THEORY SCIENTIST PROJECT

We are going to be looking further into one of the scientists, who we have already learned a bit about, who developed the atomic theory:


John Dalton


J. J. Thomson


Ernest Rutherford


Niels Bohr

This project has TWO components. You will choose ONE scientist from the list above, and both components will be done on the same scientist. You may do the components by yourself or with a partner (no groups of three).

1. Complete the **Research Map** for one of the scientists listed above
    a. Choose a scientist
    b. Use a computer or device to research the items listed on the Map in detail
    c. Use the backside to include any extra info that might not have fit on the Map
    d. Cite references MLA format (Wikipedia ok)
        i. Must have at least 3 references
        ii. Must not have the same resource/website more than once

2. Create a **Presentation** for the class to show your research above and beyond the Map. Here are some options/ideas for your presentation:
    a. Video interview of the scientist (green screen, "Do Ink" app, etc.)
    b. Podcast (include intro music, sound effects, etc.)
    c. Video storyline of the progression of the scientist's research/theory (animation, skit, etc.)
    d. Timed slide presentation (2 minutes, 15 seconds per slide, TedEX style)
    e. Detailed timeline of scientist - must include details, pictures, etc. (paper or app)
    f. Storybook (of the life of the scientist, or just of the progression of the theory)
    g. Comic book (of the life of the scientist, or just of the progression of the theory)
    h. Other ideas? Ask Ms. Krause for approval first

/50

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Research Map	**Mark**	**Comments**
Portrait	**/5**	
Diagram of theory	**/2**	
Summary of theory	**/5**	
Early life	**/2**	
Personal life	**/2**	
Interesting facts	**/3**	
Quote	**/1**	
Other Accomplishments	**/2**	
References	**/3**	
Sub-Total	**/25**	

Concerns *Areas that need work*	**Criteria** *Your presentation shows...*		**Advanced** *Evidence of Exceeding Criteria*
	Learning and understanding of the scientist	**/8**	
	Learning and understanding of Atomic Theory	**/8**	
	Creativity	**/2**	
	Polished final product	**/2**	
	Clarity of material	**/2**	
	Effective use of class time	**/3**	
Sub-total		**/25**	

Total

/50