

Module 2: Atomic Structure and the History of Atomic Theory

Authentic Assessment: Timeline of Atomic Structure Rubric

	25 points	20 points	15 points	10 points
Topics and People	The timeline includes all eight required topics and people associated with the history of atomic theory. The topics or people are placed in the appropriate location on the timeline.	The timeline includes all eight required topics and people associated with the history of atomic theory. A few of the topics or people are not placed in the appropriate location on the timeline.	The timeline includes five to seven of the required topics and people associated with the history of atomic theory. A few of the topics or people are not placed in the appropriate location on the timeline.	The timeline includes less than five of the topics and people associated with the history of atomic theory. Most of the topics or people are not placed in the appropriate location on the timeline.
Details	For all topics or people, the timeline includes the year (or approximate year) the theory was proposed, the experiments associated with the theory, and an explanation of the importance of the theory or experiment.	Two or less of the topics or people are missing the year (or approximate year) the theory was proposed, the experiments associated with the theory, or an explanation of the importance of the theory or experiment.	Three to five of the topics or people are missing the year (or approximate year) the theory was proposed, the experiments associated with the theory, or an explanation of the importance of the theory or experiment.	Six or more of the topics or people are missing the year (or approximate year) the theory was proposed, the experiments associated with the theory, or an explanation of the importance of the theory or experiment.
Vocabulary	The timeline includes all twelve required vocabulary words used appropriately.	The timeline includes all twelve required vocabulary words, but some of them are not used in the appropriate location or context.	The timeline includes six to eleven of the required vocabulary words and some of them are not used in the appropriate location or context.	The timeline includes less than six of the required vocabulary words or most of them are not used in the appropriate location or context.
Quality of Work	The final project is neatly and clearly presented. The project is of high quality and creativity. It contains correct spelling and grammar.	The final project is neatly and clearly presented. It contains few spelling and/or grammatical errors.	The final project is neat. Some information is not clearly presented. It contains few spelling and/or grammatical errors.	The final project lacks neatness. The information is not clearly presented. Spelling and grammar errors interfere with understanding.