

Activity Handout Answers

The Evolution of Atomic Theory

Students are instructed in Section 1 of their handout to use their prior knowledge of history, as well as context clues from the discoveries listed below, to come up with a timeline for the development of modern atomic theory. In Section 2, students are given primary sources from the landmark publications of Thomson, Millikan, Rutherford, Moseley, Bohr, and Schrödinger to read and review, making connections between what they read and the information they already know. In Section 3, students are asked to re-make their timelines as a group with their newfound knowledge from the primary sources and the class discussion. The true timeline is given below, as well as details on each of the discoveries, as covered in the Teaching Guide Introduction.

