

Lab Report Rubric

Candy Bohr Model Lab

Name: _____

Period: _____ Date: _____

Item	0 points	1 point	2 points	3 points	4 points	5 points
<u>Plagiarism 1</u> Did you write your report yourself in your own words?	Above 30%	Below 30%	Below 25%	Below 20%	Below 15%	Below 10%
<u>Plagiarism 2</u> Did you write your report yourself in your own words?	Above 30%	Below 30%	Below 25%	Below 20%	Below 15%	Below 10%
<u>Title Page</u> Is title-page personalized & have all information?	Missing page and information	No title page, but contains all info	Title Page contains most information	Title Page contains all information	Contains all info and personalized	Contains all info & personalized in detail
<u>Question/Problem</u> Is everything to be accomplished stated?	Missing question/problem	Q/P not thorough, missing 4 items to be accomplished	Q/P not thorough, missing 3 items to be accomplished	Q/P thorough and missing 2 items to be accomplished	Q/P thorough and missing 1 item to be accomplished	Q/P thorough and contains all items to be accomplished
<u>Data</u> Is data organized, accurate, and thorough?	Missing data	Missing some info, very inaccurate and disorganized	Missing some info, not completely organized/accurate	Missing some info, organized/accurate	Contains all info, not completely organized/accurate	Contains all info, organized/accurate
<u>Hypothesis 1 – Nucleus</u> How well did you explain how you know it is an atom, which element you received, and the isotope?	Missing hypothesis	Not all present and not explained in great detail	Not all present but explained in great detail	All present, 1 explained in great detail	All present, 2 explained in great detail	Atom, Element, Isotope explained in great detail
<u>Hypothesis 2 – Orbital Diagram</u> How well did you explain an orbital diagram?	Missing orbital diagram	Not done with computer	Accurate	Accurate with great detail	Thorough and accurate	Thorough, accurate, with great detail
<u>Hypothesis 3 – Electron Configuration</u> How well did you explain the electron configurations?	Missing hypothesis	Only 1 explained but not detailed	Only 1 explained but in detail	Both explained, but without detail	Both explained, 1 in detail	Both explained in great detail
<u>Hypothesis 4 – Bohr Model</u> How well did you explain how to make a Bohr model?	Missing Bohr model	Not done with computer	Accurate	Accurate with great detail	Thorough and accurate	Thorough, accurate, with great detail
<u>Hypothesis 5 – Electron Dot Structure</u> How well did you explain an electron dot structure?	Missing electron dot structure	Not done with computer	Accurate	Accurate with great detail	Thorough and accurate	Thorough, accurate, with great detail
<u>Experimental Procedure</u> How well is your procedure explained and detailed?	Missing procedure	Not thorough, missing multiple steps	Not thorough, missing a step or hard to follow	Not completely thorough but steps easy to follow	Thorough but missing a step or hard to follow	Thorough and steps easy to follow
<u>Bohr Model Diagram</u> How well did you explain how to make a Bohr model?	Missing Bohr model	Not done with computer	Accurate	Accurate with great detail	Thorough and accurate	Thorough, accurate, with great detail

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<u>Analysis</u> How well did you summarize how the Bohr model created relates to the electron dot structure and reactivity of the atom?	Missing analysis	Missing more than just the reactivity or not summarized	Summarized, missing reactivity	Summarized thoroughly, missing reactivity	All aspects summarized	All aspects thoroughly summarized
<u>Conclusion Part 1</u> How thorough were you on the Recall & Explain pieces?	Missing both	One explained	One explained with great detail	Both explained	Both explained, 1 with great detail	Explained in great detail for both
<u>Conclusion Part 2</u> How thorough were you on the Results & Uncertainty pieces?	Missing both	One explained	One explained with great detail	Both explained	Both explained, 1 with great detail	Explained in great detail for both
<u>Conclusion Part 3</u> How thorough were you on the New piece?	Missing conclusion for New	1 item learned with great detail	2 items learned	2 items learned with great detail	3+ items learned	3+ items learned with great detail
<u>Accuracy</u> Did you correctly identify the element & isotope?	No identification either	Neither identified correctly		One identified correctly		Both identified correctly
<u>Technical Aspects</u> APA/MLA format and proper spelling/grammar?	No APA/MLA ≥ 5 errors	APA/MLA 4 errors	APA/MLA 3 errors	APA/MLA 2 errors	APA/MLA 1 errors	APA/MLA 0 errors
<u>Present Tense</u> Did you use present tense for the entire report?	No Present Tense ≥ 5 errors	Present Tense 4 mistakes	Present Tense 3 mistakes	Present Tense 2 mistakes	Present Tense 1 mistake	Present Tense 0 mistakes
<u>3rd Person</u> Did you use 3 rd person for the entire report?	No 3 rd Person ≥ 5 errors	3 rd Person 4 mistakes	3 rd Person 3 mistakes	3 rd Person 2 mistakes	3 rd Person 1 mistake	3 rd Person 0 mistakes
TOTAL SCORE FOR LAB REPORT						out of 100