

Investigation Report Rubric

Name: _____

Pd: _____

Score: _____/50

TEACHER ONLY

Part 1: Introduction (first section)	Student Checklist			Teacher Score		
1. Did the author summarize (in their own words) relevant background info ?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
2. Did the author explain the task (goal of the investigation)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
3. Did the author make the guiding question clear?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						
Part 2: Methods of Investigation (second section)	Student Checklist			Teacher Score		
4. Did the author clearly identify the materials used in the investigation?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
5. Did the author clearly describe the procedures used to collect data?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
6. Did the author describe how he or she analyzed the data? (comparison, interpretation, organization)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
7. Were the methods appropriate in order to answer the guiding question?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						
Part 3: Argument (third section)						
3a – Claim	Student Checklist			Teacher Score		
8. Did the author clearly state his/her claim ?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
9. Does the author's claim directly answer the guiding question? (<i>Is the claim appropriate?</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						
3b - Evidence	Student Checklist			Teacher Score		
10. Did the author provide evidence for his or her claim?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
11. Did the author present his or her evidence in a graphic? (table, graph, or other organized visual)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
12. Is the graphic well-formatted and appropriately labeled ? (labels and units)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
13. Did the author draw attention to the graphic in the body of the text?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
14. Did the author discuss the evidence ? (<i>How does it support the claim?</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
15. Did the author's evidence support his or her claim ? (<i>Does the claim make sense based on the evidence?</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						

3c - Justification	Student Checklist			Teacher Score		
16. Did the author identify scientific concepts relevant to the investigation?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
17. Did the author explain the scientific concepts relevant to this investigation?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
18. Did the author discuss how the scientific concepts apply to this investigation? (<i>How does the evidence support accepted scientific knowledge?</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						
Science and Language Competence (throughout the paper)						
Nature of Science and Scientific Inquiry	Student Checklist			Teacher Score		
19. Did the author use the correct term to describe his/her investigation (experiment, systematic observation, interpretation of a data set)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
20. Did the author use scientific terms (hypothesis vs. prediction, data vs. evidence) and phrases (ex: "The data supports...") correctly?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
21. Was the investigation rigorous and appropriate given the nature of the guiding question? (<i>Did the investigation make sense?</i>)	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
22. Does the lab report reflect an appropriate level of effort from the author on this investigation?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						
Writing Mechanics (throughout the paper)	Student Checklist			Teacher Score		
23. Format: Is the paper formatted correctly? Is there appropriate font (easy to read, 12 point), spacing (single or double), margins (0.5-1 inch), etc...?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
24. Organization: Is each section easy to follow? Do paragraphs include multiple sentences? Do the paragraphs follow a logical order?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
25. Grammar, Conventions, and Word Choice: Are sentences complete? Is there proper subject-verb agreement in each sentence? Are there run-on sentences? Did the author use appropriate spelling, punctuation, and capitalization? Did the author use the appropriate word depending on the context (there, their, they're; to, too, two; our, are; affect, effect; etc...)? Did the author avoid abbreviations or unnecessary language?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Teacher Comments:						

Introduction (12%) ----- 6 pts
Methods (16%) ----- 8 pts
Argument (44%): Claim (8%) -----4 pts
Evidence (24%) ----- 12 pts
Justification (12%) -- 6 pts
Nature of Science (16%) ----- 8 pts
Writing Mechanics (12%) ----- 6 pts
Total (100%) ----- 50 pts