ADI Investigation Report Peer Review Guide – Middle School Version

Report By: _____
ID Number

Author: Did the reviewers do a good job?   1   2   3   4   5
Rate the overall quality of the peer review

Reviewed By: _____   _____   _____   _____
ID Number   ID Number   ID Number   ID Number

Section 1: Introduction and Guiding Question	Reviewer Rating			Instructor Score		
1. Did the author provide enough *background information*?	☐ No	☐ Partially	☐ Yes	0	1	2
2. Is the background information *correct*?	☐ No	☐ Partially	☐ Yes	0	1	2
3. Did the author make the *goal of the investigation* clear?	☐ No	☐ Partially	☐ Yes	0	1	2
4. Did the author make the *guiding question* clear?	☐ No	☐ Partially	☐ Yes	0	1	2

Reviewers: If your group made any "No" or "Partially" marks in this section, please **explain how the author could improve** this part of his or her report.

Author: What revisions did you make in your report? Is there anything you decided to keep the same even though the reviewers suggested otherwise? Be sure to explain why.

Section 2: Method	Reviewer Rating			Instructor Score		
1. Did the author provide a clear description of what he or she did during the investigation in order to *collect data* (the method)?	☐ No	☐ Partially	☐ Yes	0	1	2
2. Did the author describe *how* he/she *analyzed* the data?	☐ No	☐ Partially	☐ Yes	0	1	2
3. Did the author use the *correct term* to describe his/her investigation (e.g., experiment, observations, interpretation of a data set)?	☐ No	☐ Partially	☐ Yes	0	1	2

Reviewers: If your group made any "No" or "Partially" marks in this section, please **explain how the author could improve** this part of his or her report.

Author: What revisions did you make in your report? Is there anything you decided to keep the same even though the reviewers suggested otherwise? Be sure to explain why.

ADI Argument-Driven Inquiry

Section 3: The Argument		Reviewer Rating			Instructor Score		
1. Did the author provide a *clear and complete claim* that answers the guiding question?		☐ No	☐ Partially	☐ Yes	0	1	2
2. Did the author use **evidence** to support his or her claim? Evidence is an analysis of data and an explanation of what the analysis means.		☐ No	☐ Partially	☐ Yes	0	1	2
3. Did the author *present the evidence* in an appropriate manner by ▪ including a correctly formatted and labeled graph (or table); ▪ using correct metric units (e.g., m/s, g, ml); and ▪ referencing the graph or table in the body of the text?		☐ No ☐ No ☐ No	☐ Partially ☐ Partially ☐ Partially	☐ Yes ☐ Yes ☐ Yes	0 0 0	1 1 1	2 2 2
4. Does the *evidence support the author's claim*?		☐ No	☐ Partially	☐ Yes	0	1	2
5. Did the author use a scientific concept to *justify the evidence*? The justification of the evidence explains why the evidence matters.		☐ No	☐ Partially	☐ Yes	0	1	2
6. Is the *justification of the evidence* acceptable?		☐ No	☐ Partially	☐ Yes	0	1	2
7. Did the author **use scientific terms correctly** (e.g., *hypothesis* vs. *prediction, data* vs. *evidence*) and **reference the evidence in an appropriate manner** (e.g., *supports* or *suggests* vs. *proves*)?		☐ No	☐ Partially	☐ Yes	0	1	2

Reviewers: If your group made any "No" or "Partially" marks in this section, please **explain how the author could improve** this part of his or her report.	**Author:** What revisions did you make in your report? Is there anything you decided to keep the same even though the reviewers suggested otherwise? Be sure to explain why.

Mechanics		Reviewer Rating			Instructor Score		
1. *Organization:* Is each section easy to follow? Do paragraphs include multiple sentences? Do paragraphs begin with a topic sentence?		☐ No	☐ Partially	☐ Yes	0	1	2
2. *Grammar:* Are the sentences complete? Is there proper subject-verb agreement in each sentence? No run-on sentences.		☐ No	☐ Partially	☐ Yes	0	1	2
3. *Conventions:* Did the author use appropriate spelling, punctuation, and capitalization?		☐ No	☐ Partially	☐ Yes	0	1	2
4. *Word Choice:* Did the author use the appropriate word (e.g., there vs. their, to vs. too, then vs. than)?		☐ No	☐ Partially	☐ Yes	0	1	2

Instructor Comments:

Total: _____ /40

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