

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 ?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
2. Is the background information correct ?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
3. Did the author make the goal of the investigation clear?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
4. Did the author make the guiding question clear?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
<p>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.</p>	<p>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.</p>						
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)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
2. Did the author describe how he/she analyzed the data?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> 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)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2	
<p>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.</p>	<p>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.</p>						

Section 3: The Argument		Reviewer Rating			Instructor Score		
1.	Did the author provide a clear and complete claim that answers the guiding question?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> 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.	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
3.	Did the author present the evidence in an appropriate manner by <ul style="list-style-type: none"> ▪ 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? 	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
		<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
4.	Does the evidence support the author's claim ?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> 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.	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
6.	Is the justification of the evidence acceptable?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
7.	Did the author use scientific terms correctly (e.g., <i>hypothesis vs. prediction, data vs. evidence</i>) and reference the evidence in an appropriate manner (e.g., <i>supports or suggests vs. proves</i>)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> 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?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
2.	Grammar: Are the sentences complete? Is there proper subject-verb agreement in each sentence? Are there run-on sentences?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
3.	Conventions: Did the author use appropriate spelling, punctuation, and capitalization?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> 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)?	<input type="checkbox"/> No	<input type="checkbox"/> Partially	<input type="checkbox"/> Yes	0	1	2
Instructor Comments:							

Total: _____/40