

## ASSESSMENT CHECKLIST 2 Laboratory Report

	Assessment	
	Self	Teacher's
<b>Introduction</b>		
1. The title clearly states the independent variable and the dependent variable (without stating what the effect actually is).	<input type="checkbox"/>	<input type="checkbox"/>
2. Name(s) of experimenter(s) is/are given.	<input type="checkbox"/>	<input type="checkbox"/>
3. A concise summary of the project includes the statement of the problem, the hypothesis, the procedures, the main results, and the conclusions. (Not to exceed 250 words.)	<input type="checkbox"/>	<input type="checkbox"/>
<b>Statement of the Problem</b>		
4. The background for the problem is summarized.	<input type="checkbox"/>	<input type="checkbox"/>
5. Relevant literature is cited, if appropriate.	<input type="checkbox"/>	<input type="checkbox"/>
6. The hypothesis is stated clearly. It predicts the influence of the independent variable on the dependent variable.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Experimental Design</b>		
7. The procedure for controlling and measuring variables through repeated trials is easy to follow. (See Assessment Checklist 1: Designing an Experiment, #4.)	<input type="checkbox"/>	<input type="checkbox"/>
<b>Data Collection and Display</b>		
8. The data table is appropriately organized and labelled and is presented in a spreadsheet program.	<input type="checkbox"/>	<input type="checkbox"/>
9. Graphs used to display data are appropriately scaled and labelled, and data are plotted accurately. Graphics software is used to present the material.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Data Analysis</b>		
10. Data analysis includes all of the data, is accurate, and explains the data in relation to the hypothesis.	<input type="checkbox"/>	<input type="checkbox"/>
11. Inconsistencies in data, if any, are explained.	<input type="checkbox"/>	<input type="checkbox"/>

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**ASSESSMENT CHECKLIST 2** Laboratory Report (continued)

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<b>Conclusion</b>		
12. The hypothesis is evaluated clearly.	<input type="checkbox"/>	<input type="checkbox"/>
13. Extrapolations from the data are made and justified.	<input type="checkbox"/>	<input type="checkbox"/>
14. Connections are made to other studies (if appropriate).	<input type="checkbox"/>	<input type="checkbox"/>
15. Recommendations are made for further study	<input type="checkbox"/>	<input type="checkbox"/>
<b>Format</b>		
16. Appropriate scientific terminology is used correctly. Complete sentences are used where appropriate.	<input type="checkbox"/>	<input type="checkbox"/>
17. If used, bibliographical references are made properly.	<input type="checkbox"/>	<input type="checkbox"/>
18. The report is neat and presentable.	<input type="checkbox"/>	<input type="checkbox"/>