

## Biology Laboratory Write Up Guideline

Report Item	Points Possible	Points Earned
<b>Title - descriptive of the investigation</b>	<b>2</b>	
<b>Purpose</b>	<b>2</b>	
<b>Introduction</b>	<b>(10)</b>	
- Biological Concept	4	
- Dep & Indep Variables	2	
- Control(s) & Constants Identified	2	
- Hypothesis	2	
<b>Procedure</b>	<b>(8)</b>	
- Materials	2	
- Procedures stated	4	
- Written in past tense	2	
<b>Data &amp; Analysis</b>	<b>(20)</b>	
- Data recorded in tables	6	
- Calculations (include SE if necessary)	6	
- Graph(s)	4	
o Titled	2	
o axes labeled with unit	2	
<b>Conclusion (CER)</b>	<b>(12)</b>	
Claim - <b>A claim that answers the question.</b>	4	
Evidence - <b>Evidence from collected data.</b>	4	
Reasoning - <b>a rule or scientific principle that describes why the evidence supports the claim.</b>	4	
<b>No personal pronouns used</b>	<b>2</b>	
<b>Literature Citations (if appropriate)</b>	<b>2</b>	
<b>Total Points</b>	<b>58</b>	

Name: \_\_\_\_\_ Experiment: \_\_\_\_\_

## Biology Lab Report Rubric

Report Item	Points Possible	Points Earned
<b>Title</b>	<b>2</b>	
<b>Purpose</b>	<b>2</b>	
<b>Introduction</b>	<b>(10)</b>	
- Biological Concept	4	
- Dep & Indep Variables	2	
- Control(s) & Constants Identified	2	
- Hypothesis	2	
<b>Procedure</b>	<b>(8)</b>	
- Materials	2	
- Procedures stated	4	
- Written in past tense	2	
<b>Data &amp; Analysis</b>	<b>(20)</b>	
- Data recorded in tables	6	
- Calculations (include SE)	6	
- Graph(s)	4	
o Titled	2	
o axes labeled	2	
<b>Conclusion (RERUN)</b>	<b>(10)</b>	
Restate Purpose	2	
Explain the hypothesis	2	
Result summarized (scientifically valid)	2	
Uncertainty of the experiment explained - Errors - Improvement Recommended.	2	
Biological concept explains results? - hypothesis supported/ rejected and why or what evidence lead you to this conclusion	2	
<b>No personal pronouns used</b>	<b>2</b>	
<b>Literature Citations (if appropriate)</b>	<b>2</b>	
<b>Total Points</b>	<b>56</b>	

Name: \_\_\_\_\_ Experiment: \_\_\_\_\_