

Lab Report Scoring Sheet (revised 3/5/07)

	Points Possible	Points Earned
Introduction:		
Defines the broad topic of the report (What question are you exploring?)	1	
Sufficient explanation of purpose of the experiment (Why do you care?)	2	
Just what is pertinent to the experiment (Are you rambling?)	1	
Hypothesis:		
Is testable using science (can be measured / not an opinion or feeling)	3	
Phrased as a declarative statement	1	
Wording is precise, not vague	1	
Can be answered true or false	2	
Experiment:		
<p>· Explain the connection between the data we will collect and the hypothesis we are testing. You may describe your experimental procedures in one of these ways:</p> <p style="padding-left: 40px;">1. Write a paragraph (or list) explaining the entire experiment.</p> <p style="text-align: center; font-size: 1.5em;">OR</p> <p style="padding-left: 40px;">2. Write two small paragraphs (or lists) explaining the two parts of the ex.</p>		
Control:		
The description accurately describes what you really did	2	
The description is complete enough for a reader to correctly recreate the group	2	
All pertinent variables are mentioned (i.e. – inc. temp.)	1	
The description is chronological	1	
Experimental:		
The description accurately describes what you really did	2	
The dependant variable is described in sufficient detail for a reader to correctly recreate the group	2	
There is only one variable different from the control	2	
Experiment generates data that relates to the hypothesis.	2	
The description is chronological	1	
Data:		
The data are organized by measurement (Number, Time, Size)	1	
The data are listed in the order they were generated	1	
The data have units	1	
The data are complete (barring error)	1	
Calculations can be added, but only if the original data is there.	1	
All calculations are present and identified somewhere in the section	1	
Conclusion:		
Begins with Hypothesis is (supported, not supported, Inconclusive)	2	
Original Hypothesis is restated.	1	
Conclusion is supported by the use of data.	3	
The meaning/implications of the supporting data is explained.	2	
The data are correctly interpreted (basic concepts)	2	
The conclusion is written persuasively	2	
If conclusion is False or Inconclusive, propose a possible reason your hypothesis was not true.	1	
Error:		
State possible sources of experimental error (No fault implied) which may cast doubt on your results	1	

Total Score

45