

Science Lab Report Evaluation Rubric				
Student Name(s):		Self-assessment Score:		
Lab Title:				
Category	Scoring Criteria	Points	Student Assessment	Teacher Assessment
Presentation 5 points	Report is neatly printed in ink or typed, with no visible corrections	2		
	TITLE PAGE: includes name, period, and a large diagram of the essential apparatus used in the experiment	3		
Lab Introduction 15 points	All relevant concepts & vocabulary terms clearly explained and defined.	5		
	Purpose of the lab is stated. (Question the lab is addressing)	5		
	The hypothesis clearly shows it is based on research/ initial observations (<i>Not just a wild guess</i>)	5		
Materials & Methods 10 points	A list of all materials used in the lab is given.	5		
	Clear step-by-step procedure is written. (<i>Procedures are not written in past tense form!</i>)	5		
Observations 20 points	Quantitative data is included: <ul style="list-style-type: none">Measurements include unitsSpecific formulas or equations for reactions are shown & explainedAll calculations shown	10		
	Qualitative data is included: <ul style="list-style-type: none">Results of the procedure are clearly explained.Detailed, colored illustrations are included.	10		
Conclusion 35 points	See <i>NHS Critical Thinking Rubric</i>			
	<ul style="list-style-type: none">Analyze the validity of your hypothesis and discuss any procedural errors in the lab that may have caused error.	10		
	<ul style="list-style-type: none">Use the lab observation to come to a logical conclusion. Answer any applicable questions.	15		
	<ul style="list-style-type: none">Apply the lesson learned in this lab to either a real world topic or a classroom textbook topic.	10		
Lab Safety and Conduct 10 points	See <i>NHS Independent & Collaborative Rubric</i>	5		
	See <i>NHS Utilizing Appropriate Technologies Rubric</i>	5		
Effective Writing 5 Points	See <i>NHS Writing Rubric</i>	5		
Score	Total Points	100		
Self-evaluation	Students are expected to honestly evaluate their work. If the difference between the student's evaluation and the teacher's is more than 10 points, 5 points will be deducted from the teacher's score.			
Due date:	Lab reports are due at the beginning of class on the specified due date.			

Academic Expectations from NHS Mission Statement:

- Read, write and communicate effectively
- Think critically and engage in problem solving
- Work independently, collaboratively, and creatively
- Utilize appropriate technologies