

DATA CHART

CHART 1 – Laboratory Activity B

Student	Color of beaker at beginning of Experiment	Color of beaker at the end of the Experiment	Is carbon dioxide present?
1			
2			
3			

CHART 2 Laboratory Activity C

	TEST TUBE 1 BTB AND ELODEA PLANT	TEST TUBE 2 BTB SOLUTION ONLY	TEST TUBE 3 FRESH BTB
Color of test tube at the beginning of experiment			
Color of test tube at the end of experiment			

Laboratory Rubric

Criteria	4 pts.	3 pts.	2 pts.	1 pt.
HYPOTHESIS	<p>Hypothesis is clear, states the problem.</p> <p>Hypothesis is in statement or question form.</p>	<p>Hypothesis is clear, states the problem.</p> <p>Hypothesis is not in a statement or question form.</p>	<p>Hypothesis is not clear, and /or does not state the problem.</p>	<p>No hypothesis.</p>
PROCEDURE	<p>Has a team leader, materials manager, and secretary.</p> <ul style="list-style-type: none"> • Follows directions of the lab. • Uses appropriate equipment • Accurately measures solids and/or liquids 	<p>Has team leader, materials manager and secretary.</p> <p>Follows direction of lab.</p>	<p>Follows direction of lab.</p>	<p>Does not follow procedure.</p>
ACTIVITY	<p>All members in group are:</p> <ul style="list-style-type: none"> • participating in lab • following directions • contributing to data sheet 	<p>Most members of group follow directions.</p>	<p>Group did not follow all directions.</p> <p>Lab completed but group did not work together or follow directions.</p>	<p>No directions or cooperation.</p> <p>One student worked the lab but continuously asked for help from teacher or other lab groups (peers).</p>
CONCLUSION	<p>Clear concise conclusion that addresses their hypothesis</p>	<p>Conclusion is not clear, but it addresses their hypothesis</p>	<p>Has a conclusion, but is does not address hypothesis.</p>	<p>No conclusion.</p>

SCORE (TOTAL POINTS) _____

RANGE OF GRADE

A = 14 – 16

B = 11 – 13

C = 9 – 12

REDO < 9