

Name:
Period:

Rubric – Transpiration Lab

Title (IV, DV, and subject)	_____/3
Background (2-3 Sentences) & Purpose (1-2 Sentences)	_____/4
Hypothesis (If...and...then) (5pts) NOTE: Must have for the “if” part how the IV will affect the DV. If not, subtract 2 points.	_____/5
Procedure (detailed enough that one can do the lab off this procedure)	_____/4
Table 1 Individual (each vacant line is minus one point)	_____/5
Table 2 Class averages (each vacant line is minus one point)	_____/5
Graphs: Individual (-2 if missing) Graph Class Data (each label – title, x-axis, y-axis - is worth 1 point) Graph must be a bar graph = 2 pts, error bars are 1 point	_____/10
Discussion Questions (12 questions, 2 points each question) Analyzing Results (7 total), Evaluating Results, where can you go from here.	_____/24
Analysis: Paragraph 1: CEE (Results, Evidence, Explanations) -needs to have stated the results of the experiment (all variables). -needs to have evidence supporting the results. -needs to have an explanation of the results (eg – why is temp result the way it is.) -missing any of these is minus 2 points each.	_____/5
Paragraph 2: PE (Possible Errors) -Must discuss at least 2 sources of error and how to avoid these errors in the future. If not, take off 2 points for each one missing. (think if general errors with the experiment and limitations of our equipment)	_____/5
Paragraph 3: PA (Practical Applications) -Must explain what the student learned while performing the lab. Includes content vocabulary and the ideas of transpiration. Must also suggest a follow up experiment. If not, subtract 2 points each.	_____/5
TOTAL: _____/75	

Corrected By _____ Date _____

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