



Name _____ Period _____ Date _____

PRODUCT AND PERFORMANCE ASSESSMENT

Guided Investigations: Experiments

Use this rubric for investigations that include a hypothesis. Evaluate someone else’s work, or your own, by circling the appropriate number for each criterion. Then add up the circled numbers in each column and record the sum in the subtotals row at the bottom. Add up these subtotals to get the total score.

Graded by _____ Total _____ /100

Rubrics and Integrated Assessment

Hypothesis		Completely	Mostly	Partially	Poorly
Written in “If..., then..., because” form		5	4	3–2	1–0
Matches the problem		5	4	3–2	1–0
Procedure		Completely	Mostly	Partially	Poorly
Set-up drawn (in color if appropriate)		5	4	3–2	1–0
Observe and Analyze		Completely	Mostly	Partially	Poorly
At least three constants are identified		5	4	3–2	1–0
One variable is identified		5	4	3–2	1–0
Qualitative	Quantitative				
Observations are clearly described	Measurements are accurate and precise	10–9	8–7	6–5–4	3–2–1–0
Observations are drawn in color	Data are clearly organized in tables	10–9	8–7	6–5–4	3–2–1–0
Observations are drawn for before/after	Graph has a title, its axes are labeled, and its units identified	7–6	5	4	3–2–1–0
Conclude		Completely	Mostly	Partially	Poorly
Problem is answered		8–7	6–5	4	3–2–1–0
Results are compared to the hypothesis		8–7	6–5	4	3–2–1–0
Inference is made (data are explained)		8–7	6–5	4	3–2–1–0
Inference is consistent with the data		8–7	6–5	4	3–2–1–0
Possible limitations or errors listed		6	5	4	3–2–1–0
Neat and legible		4	3	2	1–0
Accurate spelling and grammar		3	2	1	0
Name, period, date, lab number, title		3	2	1	0
Subtotals:					

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