

Inquiry Lab Assessment Rubric

	LEVELS OF ACHIEVEMENT			
	Getting Started	Not Quite There	You've Got It	Outstanding
CRITERIA	EVIDENCE OF LEVEL REACHED BY STUDENT			
Problem	<i>Identified a question that could not be tested/investigated or one that did not merit investigation.</i>	<i>Identified, with adult help, a question which could be investigated.</i>	<i>Identified, with adult help, a question which was interesting to the student and which could be investigated.</i>	<i>Independently identified a question which was interesting to the student and which could be investigated.</i>
Designing the Experiment	Needed adult assistance to develop a hypothesis and identify and define almost all the variables.	With some assistance, developed a hypothesis somewhat substantiated by a literature review or previous observation. With adult help, identified and clearly defined which variables were going to be changed and which were going to be measured.	Independently developed a hypothesis somewhat substantiated by a literature review or previous observation. Independently identified which variables were going to be changed and which were going to be measured. Some feedback was needed to clearly define the variables.	Independently developed a hypothesis well-substantiated by a literature review or previous observation. Independently identified and clearly defined which variables were going to be changed and which were going to be measured.
Collection of Data	<i>Data collected using available resources, no documentation of method for verification.</i>	<i>Data collected using available resources, some documentation of method for verification but not quite clear.</i>	<i>Data collected using available resources, clear documentation of method for verification.</i>	<i>Data collected using available resources, very concise documentation of method for verification.</i>
Communication of Results	<i>Charts, graphs, and maps missing</i>	<i>Made an attempt to use charts, graphs, and maps but information is not quite clear.</i>	<i>Used a chart, graph, or map to show results.</i>	<i>Used multiple charts, graphs, or maps to show results.</i>
Conclusions; Use of Evidence	<i>Conclusions not based on evidence.</i>	<i>Conclusions seem to be based on evidence but links not quite clear.</i>	<i>Conclusions based on evidence.</i>	<i>Conclusions clearly drawn from evidence as shown by references to data collected.</i>