

IB Internal Assessment Marking Form

Lab Title: _____ Date: _____

Student Name: _____ Lab Partner(s): _____

ISB CRITERIA	ASPECTS			ISB score	
Inquiry Skills	<u>Communication</u> The report is formatted and presented according to guidelines published in the ISB scientific writing guide for IB. The report is written concisely, precisely, and clearly. 0 1 2 3 4 5	<u>Lab Skills</u> Experimental work is done with care and attention. Positive and cooperative attitude when working with others, and regard for safety is shown. 0 1 2 3 4 5		/10	
Introduction	<u>Research Question</u> Give a brief introduction to the research question. What are you investigating? 0 1 2 3	<u>Theory</u> Explain the theory related to your research that can be used to predict a model or result. Focus on the process being studied, and factors affecting that process. 0 1 2 3	<u>Technique</u> An explanation of the theory behind the technique being used is given. Citations given for all sources. 0 1 2 3 4	/10	
IB CRITERIA	ASPECTS			IB score out of 6	ISB Score
Design	<u>Defining the Problem and Selecting Variables</u> States a focused problem/research question and identifies the relevant variables. c=2 p=1 n=0	<u>Controlling Variables</u> Designs a method for the effective control of the variables. c=2 p=1 n=0	<u>Describing a Method for Collection of Data</u> Describes a method that allows for the collection of sufficient relevant data. c=2 p=1 n=0	/10	
Data Collection and Processing	<u>Recording Raw Data</u> Records appropriate quantitative and associated qualitative raw data, including units and uncertainties where relevant. c=2 p=1 n=0	<u>Processing Raw Data</u> Processes the quantitative raw data correctly. c=2 p=1 n=0	<u>Presenting Processed Data</u> Presents processed data appropriately and, where relevant, includes errors and uncertainties. c=2 p=1 n=0	/15	
Conclusion and Evaluation	<u>Concluding</u> States a conclusion, with justification, based on reasonable interpretation of the data. c=2 p=1 n=0	<u>Evaluating Procedure(s)</u> Evaluates weaknesses and limitations. c=2 p=1 n=0	<u>Improving the Investigation</u> Suggests realistic improvements in respect of identified weaknesses and limitations. c=2 p=1 n=0	/10	
Broad Learning Category	Experimental Skills and Inquiry (ESI)			/40	
	Data Management (DM)			/15	

Experimental Skills and Inquiry: Includes all lab criteria except Data Collection and Processing
 Data Management: Includes Data Collection and Processing criteria only