

<b>Name of Student:</b>					<b>Date:</b>			
<b>Investigation Title:</b>					<b>No. of hours:</b>			
Criterion	Marks		<b>Aspect 1</b>		<b>Aspect 2</b>		<b>Aspect 3</b>	<b>Marks</b>
Planning	2	<input type="checkbox"/>	States a focused problem/research question and identifies the relevant variables	<input type="checkbox"/>	Designs a method for the effective control of variables	<input type="checkbox"/>	Describes a method that allows for the collection of sufficient relevant data	
<b>Aspect 1</b> Defining the problem and selecting variables	1	<input type="checkbox"/>	States a problem/research question that is incomplete <b>or</b> identifies only some relevant variables	<input type="checkbox"/>	Designs a method that makes some attempt to control the variables	<input type="checkbox"/>	Describes a method that does not allow for the collection of sufficient relevant data	
<b>Aspect 2</b> Controlling variables	0	<input type="checkbox"/>	Does not state a problem/research question <b>and</b> does not identify any relevant variables	<input type="checkbox"/>	Designs a method but does not allow for the control of the variables	<input type="checkbox"/>	Describes a method that does not allow for the collection of any relevant data	
<b>Aspect 3</b> Developing a method for collection of data								
Data Collection and Processing	2	<input type="checkbox"/>	Systematically records appropriate quantitative and/or qualitative data, including units	<input type="checkbox"/>	Processes primary and/or secondary data correctly	<input type="checkbox"/>	Presents processed data appropriately and effectively to assist analysis	
<b>Aspect 1</b> Recording data	1	<input type="checkbox"/>	Records appropriate quantitative and/or qualitative data but with some mistakes and/or omissions	<input type="checkbox"/>	Processes primary and/or some secondary data but with some mistakes and/or omissions	<input type="checkbox"/>	Presents processed data appropriately but lacks clarity <b>or</b> with some mistakes and/or omissions	
<b>Aspect 2</b> Processing data	0	<input type="checkbox"/>	Data is not recorded <b>or</b> is recorded incomprehensively	<input type="checkbox"/>	No processing of data is carried out <b>or</b> major mistakes are made in processing	<input type="checkbox"/>	Presents processed data inappropriately <b>or</b> incomprehensively	
<b>Aspect 3</b> Presenting processed data								
Discussion, evaluation, and conclusion	2	<input type="checkbox"/>	Discussion is clear and well reasoned, showing a broad understanding of context and implications of results	<input type="checkbox"/>	Identifies weaknesses and limitations and suggests realistic improvements	<input type="checkbox"/>	States a reasonable conclusion, with a correct explanation, based on the data	
<b>Aspect 1</b> Discussing and reviewing	1	<input type="checkbox"/>	Discussion is adequate, showing some understanding of context and implications of results	<input type="checkbox"/>	Identifies weaknesses and limitations but misses some obvious faults. Suggests only superficial improvements.	<input type="checkbox"/>	States a reasonable conclusion <b>or</b> gives a correct explanation, based on the data	
<b>Aspect 2</b> Evaluating procedure(s) and suggesting improvements	0	<input type="checkbox"/>	Discussion is inadequate, showing little context and implications of results	<input type="checkbox"/>	The weaknesses and limitations are irrelevant <b>or</b> missing. Suggests unrealistic improvements.	<input type="checkbox"/>	States an unreasonable conclusion <b>or</b> no conclusion at all.	
<b>Aspect 3</b> Conclusion								
Personal skills	2	<input type="checkbox"/>	Fully competent and methodical in the use of a range of techniques and equipment	<input type="checkbox"/>	Consistently collaborates and communicates in a group situation and integrates the views of others	<input type="checkbox"/>	Always pays attention to safety issues and shows due regard for the environmental consequences of his or her actions and academic integrity	
<b>Aspect 1</b> Carrying out techniques	1	<input type="checkbox"/>	Usually competent and methodical in the use of a range of techniques and equipment	<input type="checkbox"/>	Occasionally collaborates and communicates in a group situation	<input type="checkbox"/>	Usually pays attention to safety issues and shows some regard for the environmental consequences of his or her actions and academic integrity	
<b>Aspect 2</b> Working in a team	0	<input type="checkbox"/>	Rarely competent and methodical in the use of a range of techniques and equipment	<input type="checkbox"/>	Makes little attempt to collaborate in a group situation	<input type="checkbox"/>	Pays little attention to safety issues and shows little regard for the environmental consequences of his or her actions and academic integrity	
<b>Aspect 3</b> Working safely and ethically								

**I understand that Lab Reports are individual efforts.** Despite conducting experiments and investigations in groups, the lab reports are to be done separately and independently. I have not copied off of the web or from another student. If using a computer to produce this report, I have not shared files (data tables, text, graphs, etc.) with another student. **This is my own work.**

Signed: \_\_\_\_\_