

Marking Criteria for Year 9 Depth Study

SECTION	MARKS	
Title (1mark)	<input type="checkbox"/> Correctly writes an appropriate and creative title for the investigation.	1
	<input type="checkbox"/> No attempt or not relevant.	0
Aim (2marks)	<input type="checkbox"/> Begins with the word 'To' and includes how the independent variable affects the dependent variable.	2
	<input type="checkbox"/> Does not begin with the word 'To' but includes independent/dependent /OR begins with the word 'to' but does not include independent/dependent variable.	1
	<input type="checkbox"/> No attempt OR attempts to write but no structure or no reference to variables.	0
Purpose of the Experiment (2marks)	<input type="checkbox"/> Relevant explanation using sentences and relating to the use to real world application	2
Background information (3 marks)	<input type="checkbox"/> All questions answered including a concise and comprehensive summary of relevant beforehand research in the topic area	3
	<input type="checkbox"/> included a summary of current relevant background information with one question not answered / irrelevant response	2
	<input type="checkbox"/> included some relevant background research with many questions not answered/irrelevant responses	1
	<input type="checkbox"/> not attempted	0
Bibliography (3marks)	<input type="checkbox"/> All relevant sources (3) listed correctly	3
	<input type="checkbox"/> Some relevant sources listed in correct format	2
	<input type="checkbox"/> Some sources listed in incorrect format	1
	<input type="checkbox"/> No sources provided	0
Assess Reliability and Validity of the sources used (2marks)	<input type="checkbox"/> Correctly assesses if sources used are reliable and valid using the CRAAP framework	2
	<input type="checkbox"/> Some relevant information included	1
	<input type="checkbox"/> No assessment done	0
Hypothesis (2 marks)	<input type="checkbox"/> Using ifand then..... statement (independent and dependent variables mentioned)	2
	<input type="checkbox"/> Prediction made without using the correct statement	1
	<input type="checkbox"/> No prediction made	0
Equipment (2 marks)	<input type="checkbox"/> All materials & quantities listed.	2
	<input type="checkbox"/> Materials listed but no quantity provided, or incomplete list provided.	1
	<input type="checkbox"/> No equipment listed.	0
Risk Assessment (3marks)	<input type="checkbox"/> In table format (1), at least 2 appropriate/high potential risks/ injury included and minimisations (2).	3
	<input type="checkbox"/> 1 of the above criteria is missing	2
	<input type="checkbox"/> 2 of the above criteria is missing.	1
	<input type="checkbox"/> No attempt.	0

Variables (4marks)	<input type="checkbox"/> List at least 2 controlled variables. (2) <input type="checkbox"/> Correctly identifies the independent variable. (1) <input type="checkbox"/> Correctly identifies the dependent variable. (1) Loss of 1 mark if any of the above features missing.	4
Results Table (4 marks)	<input type="checkbox"/> Relevant Title <input type="checkbox"/> All unfilled column headings with correct units <input type="checkbox"/> Five trials completed and data recorded in an organised, sequential, and logical manner <input type="checkbox"/> Average correctly calculated	4
Discussion Questions (9 marks)	<input type="checkbox"/> Identifies and describes the trends/ patterns (1) with use of quantitative data (1). <input type="checkbox"/> One of the above missing <input type="checkbox"/> Makes a clear discussion whether their experimental investigation was reliable (1). Must support answer by commenting on repetition to obtain consistent results (1). <input type="checkbox"/> One of the above missing for reliability (1) <input type="checkbox"/> Incorrect answer or no response (0)	2 1 2 1 0
	<input type="checkbox"/> Makes a clear justification whether their experimental investigation was valid showing evidence to support their argument. Must refer to appropriateness of method and variables. OR <input type="checkbox"/> Makes a simple justification made with basic links and evidence to support their argument. OR <input type="checkbox"/> Incorrect answer or no response <input type="checkbox"/> Clearly suggests 1 appropriate improvement . <input type="checkbox"/> Incorrect answer or no response <input type="checkbox"/> Conclusion Concisely answers aim <input type="checkbox"/> Basic conclusion <input type="checkbox"/> Incorrectly written or no conclusion provided	2 1 0 1 0 2 1 0
Graph (5marks)	<input type="checkbox"/> Chooses and includes an appropriate type of graph (1) <input type="checkbox"/> Includes appropriate scales on axes, title, label of axes with units (3) <input type="checkbox"/> Include all the independent variables (1)	5
Grammar and Report Format (8 marks)	<p><i>Spelling</i></p> <input type="checkbox"/> No spelling Errors in the report <input type="checkbox"/> Less than 3 spelling errors throughout report. <input type="checkbox"/> 3-5 spelling errors throughout report <input type="checkbox"/> More than 5 spelling errors throughout the report. <p><i>Presentation</i></p> <input type="checkbox"/> Report Neatly presented in correct format (2) Correct tense, punctuation, and homophones. <input type="checkbox"/> No errors <input type="checkbox"/> Less than 3 grammatical errors throughout report. (2) <input type="checkbox"/> 3-5 grammatical errors throughout report. (1) <input type="checkbox"/> More than 5 grammatical errors throughout report (0)	3 2 1 0 2 3 2 1 0
Total Marks / 50		

Teacher comment