

CONTROLLED EXPERIMENT REPORT

Name _____

Criteria	4	3	2	0-1	Score – each x 2
Punctuation/spelling and mechanics	There are less than 5 punctuation/ grammar errors	There are less than 10 grammar or punctuation errors	There are many errors throughout the report.	General disregard for grammar and punctuation	
Report format/sub-headings	Report fully follows expectations heading, w/ font, spacing & use of sub-headings	Report nearly follows all expectations heading, w/ font, spacing & use of sub-headings	Many errors in heading, w/ font, spacing &/or use of sub-headings	Report largely does not meet expectations	
Experimental question	Question fully reflects the dependent & independent variables	Question almost fully reflects the dependent & independent variables	Question does not reflect the dependent &/or independent variables	There is no question or question that does not reflect the experiment	
Formal Hypothesis	Perfectly constructed formal hypothesis that reflects the purpose of the experiment	Well-constructed formal hypothesis that reflects the purpose of the experiment	Formal hypothesis with errors in its construction, but reflects the purpose of the experiment	No hypothesis or the hypothesis does not reflect the purpose of the experiment	
Groups and trials	Control/experimental groups and appropriate # of trials that meet criteria of a controlled experiment	Control/experimental groups and appropriate # of trials that meets nearly all requirements	Does not meet many of the requirements of a controlled experiment	Student did not design or conduct a controlled experiment	
Methods and materials list	Complete methods & materials following all requirements	Nearly complete methods & materials	Much of the methods &/or materials are missing	Does not include methods and/or materials	
Presents data using tables, graphs and charts	Tables, graphs, and charts accurately and neatly display data. Metric system used appropriately	Tables, graphs, and charts accurately display data	Some tables, graphs, and charts are included, and may or may not be neatly done	Lacks tables, graphs, and charts that should be with the report	
Conclusion	Data are well-summarized and logical conclusions are presented	Summary of the data is included and logical conclusions are presented	Summary of data and a reasonable conclusion is presented	There is no or very little presentation of data and logical conclusions	

Total _____

Investigative Project REPORT

Name _____

Criteria	4	3	2	0-1	Score
Punctuation/spelling and mechanics	There are less than 5 punctuation/grammar errors	There are less than 10 grammar or punctuation errors	There are many errors throughout the report.	General disregard for grammar and punctuation	x2
Report format/sub-headings	Report fully follows expectations heading, w/ font, spacing & use of sub-headings	Report nearly follows all expectations heading, w/ font, spacing & use of sub-headings	Many errors in heading, w/ font, spacing &/or use of sub-headings	Report largely does not meet expectations	x2
Research question	Question clearly and fully reflects your investigation	Question nearly reflects your investigation	Question does not really represent your investigation	No question or question is irrelevant to the investigation	x2
Source of Investigation	All sources are stated & following required format	Most sources and/or mostly follow required format	Partial sources/format	No source	x2
Methods and materials list	Complete methods & materials following all requirements	Nearly complete methods & materials	Much of the methods &/or materials are missing	Does not include methods and/or materials	x2
Presents data using tables, graphs and charts	Tables, graphs, and charts accurately and neatly display data. Metric system used appropriately	Tables, graphs, and charts accurately display data	Some tables, graphs, and charts are included, and may or may not be neatly done	Lacks tables, graphs, and charts that should be with the report	X3
Conclusion	Data are well-summarized and logical conclusions are presented	Summary of the data is included and logical conclusions are presented	Summary of data and a reasonable conclusion is presented	There is no or very little presentation of data and logical conclusions	X3

Total _____

ENGINEERING PROJECT REPORT

Name _____

Criteria	4	3	2	0-1	Score
Punctuation/spelling and mechanics	There are less than 5 punctuation/ grammar errors	There are less than 10 grammar or punctuation errors	There are many errors throughout the report.	General disregard for grammar and punctuation	x2
Report format/sub-headings	Report fully follows expectations heading, w/ font, spacing & use of sub-headings	Report nearly follows all expectations heading, w/ font, spacing & use of sub-headings	Many errors in heading, w/ font, spacing &/or use of sub-headings	Report largely does not meet expectations	x2
Problem	Problem clearly and fully reflects your project	Problem nearly reflects your project	Problem does not really represent your project	No Problem or Problem is irrelevant to the project	x2
Proposed solution(s)	Solution(s) are clearly stated and tested	Solution(s) are stated and tested, but with some error	Solution(s) lack clarity and/or not tested properly	Lacks solutions or testing was very incomplete	x2
Methods and materials list	Complete methods & materials following all requirements	Nearly complete methods & materials	Much of the methods &/or materials are missing	Does not include methods and/or materials	x2
Presents data using tables, graphs and charts	Tables, graphs, and charts accurately and neatly display data. Metric system used appropriately	Tables, graphs, and charts accurately display data	Some tables, graphs, and charts are included, and may or may not be neatly done	Lacks tables, graphs, and charts that should be with the report	X3
Conclusion, including any modifications	Data are well-summarized and logical conclusions are presented	Summary of the data is included and logical conclusions are presented	Summary of data and a reasonable conclusion is presented	There is no or very little presentation of data and logical conclusions	X3

Total _____