



Constant Velocity Lab Report

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Description: A rubric to assess students' lab reports for a constant velocity lab.

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	Unsatisfactory	Basic	Proficient	Distinguished
Data Any gathered information and its formatting.	Data are missing or incomplete.	Accurate representations of the data in written form, but no graphs or tables are presented. Data lack coherent organization.	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. Data lack coherent organization.	Data are completely organized and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.
Materials and Methods What was used and how it was used.	Data are missing or incomplete.	Accurate representations of the data in written form, but no graphs or tables are presented. Data lack coherent organization.	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. Data lack coherent organization.	Data are completely organized and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.
Calculations Manipulation of data to answer lab questions.	Few calculations are shown. Correct units used rarely. Some results are correct.	Some calculations are shown. Correct units are used Some of the time. Most results are correct.	Most calculations are shown. Correct units are used most of the time. All results are correct.	All calculations are shown. Correct units are used throughout. All results are correct.
Standards aligned to this row: • Indiana Academic Standards: Science (2010) P.1.1				
Analysis/Conclusions Conclusions drawn from data and calculations with any supplementary material.	Conclusions are not clearly defined. Some required elements are included.	Conclusions are somewhat defined, but not definitively right or wrong. Some required elements are included.	Conclusions are clearly defined whether right or wrong. Most required elements are included.	Conclusions are clearly defined and correct or if wrong, an explanation of what occurred and what needs to be changed to correct outcomes. All required elements are included.
Standards aligned to this row: • Indiana Academic Standards: English / Language Arts (2014) 11-12.W.1.1				
Spelling, Punctuation, and Grammar Readability and proper writing	More than 4 errors in spelling, punctuation and grammar in the report.	Four errors in spelling, punctuation and grammar in the report.	Two or three errors in spelling, punctuation and grammar in the report.	One or fewer errors in spelling, punctuation and grammar in the report.
Standards aligned to this row: • Indiana Academic Standards: English / Language Arts (2014) 11-12.W.6.2a , 11-12.W.6.2b , 11-12.W.6.2c				

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