

| | Beginning | Developing | Accomplished | Exemplary | Points (%) |
|---|---|--|---|--|---|
| Purpose (10 - 15%) | Does not give any information about what to expect in the report: 1) question/problem 2) background info 3) hypothesis | At least mentions the three key elements of the purpose: 1) question/problem 2) background info 3) hypothesis | Provides some kind of information about the three key elements of the purpose: 1) question/problem 2) background info 3) hypothesis | Includes clear intent, defines important concepts, discusses relevant information and explains the hypothesis. | Heading (1%) Title (1%) Question/problem (4%) Background info (4-7%) Hypothesis (4%) |
| Equipment (5%) | No materials listed | Does not distinguish materials from equipment | Materials & equipment included, but not neat | Outline form Neatly aligned | Outline (2%) Inclusive (3%) |
| Procedures (15%) | Steps missing, illogical & little to no detail; not in sequence; hard to follow; not in student's own words. | Some of the steps are understandable; most are confusing and lack detail. | Most steps presented are logical, but critical information or steps are omitted; not in passive, 3 rd person | Steps logical with adequate detail; sequential; easy to follow; in student's own words, passive, 3 rd person | Logical (3%) Detailed (3%) Sequential (3%) Easy to follow (3%) Student's words (3%) |
| Calculations & Data (30-40 %) | Data not organized in table or chart; measurements w/o units and/or sig figs; calculations inaccurate w/o work shown; no observations; graph missing | Data somewhat organized in table or chart; most measurements w/ units but not sig figs; calculations with some accuracy & work shown; some observations; graph included but missing key elements | Data organized in labelled table or chart; msmts w/ units but no sig figs; picture(s) of set up; calculations shown but some inaccurate; includes relevant, observations, but needs more detail; proper graph with analysis, but elements missing | Data organized in labelled table or chart; measurements with units & sig figs; picture(s) of set up; calculations shown & accurate; includes relevant, detailed observations (e.g. drawing/sketch/picture); proper graph with analysis | Table/Chart (8-10%) Measurements (4%) Calculations (10%) Observations (6%) Graph-analysis (12%) |
| Conclusions (30 %) | Does not address hypothesis; not in passive, 3 rd person; no summary; no explanation of data & observations; error not identified or explained | Addresses hypothesis; not in passive, 3 rd person; weak summary; weak explanation of data & observations; error not identified or explained; no supporting evidence | Addresses hypothesis; not in passive, 3 rd person; sequential summary; some explanation of data & observations; error identified but not explained; little supporting evidence | Addresses hypothesis, passive, 3 rd person; sequential summary; detailed explanation of data & observations w/ supporting evidence; error identified & explained | Hypothesis (2%) Passive, 3 rd (2%) Sequence (2%) Explanations (10%) Error (4%) Supporting Evidence (5%) Sentences (5%) |
| Bibliography (5-10 %) | No citations included | Not in MLA format & missing required sources | MLA format; includes textbook & 2 other sources | MLA format; includes textbook & all sources | MLA (2%) Text (1%) Citations (2-7%) |

Lab Report Rubric

Lab Reports must be completed by EACH student INDIVIDUALLY. It is an assessment grade.

Physics