

	<b>Beginning</b>	<b>Developing</b>	<b>Accomplished</b>	<b>Exemplary</b>	<b>Points (%)</b>
<b>Purpose</b> (10 - 15%)	Does not mention: 1) question/problem 2) background info 3) hypothesis	Mentions the key elements of the purpose: 1) question/problem 2) background info 3) hypothesis but not sufficient.	Provides adequate information for: 1) question/problem 2) background info 3) hypothesis (“if/then”) but no equations.	Provides thorough information & equations: 1) question/problem 2) background info 3) hypothesis (“if/then”); BG & Hyp indented.	Heading (1%) Title (1%) Question/problem (4%) Background info (4-7%) Hypothesis (4%)
<b>Equipment</b> (5%)	No materials listed	Materials & equipment not inclusive. Paragraph.	Materials & equipment included, but not outline.	Materials & equipment in neat, outline form.	Outline (2%) Inclusive (3%)
<b>Procedures</b> (15%)	Steps missing, not in sequence, illogical, hard to follow; Paragraph/ not outline or numbered; Not in student’s own words (when needed). No reference if needed.	Some steps understandable; some confusing with insufficient detail. Paragraph, not outline or numbered steps; Not in student’s own words (when needed). No reference if needed.	Numbered steps presented logically, sequentially but steps omitted; In student’s own words (when needed); Not in passive, 3 <sup>rd</sup> person; Reference if needed.	Numbered steps presented logically, sequentially; Easy to follow; In student’s own words (when needed); Passive, 3 <sup>rd</sup> person; Reference if needed.	Logical (3%) Detailed (3%) Sequential (3%) Easy to follow (3%) Student’s words (3%)
<b>Calculations &amp; Data</b> (30-40 %)	Data missing & not organized; Measurements w/o units or incorrect precision or missing; No drawing/sketch/picture(s); Calculations missing or inaccurate w/o work shown; No observations; No graph (if needed).	Data not organized in table or chart; Measurements w/o units or incorrect precision; Drawing/sketch/picture(s) w/o explanation; Calculations with inadequate work shown; Some observations; Inadequate graph included (missing key elements).	Data organized in labelled table or chart; Measurements w/ units but incorrect precision; Drawing/sketch/picture(s) with explanation; Calculations shown but errors; Relevant, observations, but lacking detail; Proper graph w/o or insufficient analysis (no supporting evidence).	Data organized in labelled table or chart; Measurements with units & correct precision; Drawing/sketch/picture(s) with explanation; Calculations shown & accurate; Inclusive, relevant, detailed observations; Proper graph with analysis (including evidence).	Table/Chart (8-10%) Measurements (4%) Calculations (10%) Image(s) (10%) Observations (6%) Graph-analysis (12%)

<p><b>Conclusions</b> (30 %)</p>	<p>Does not address or distinguish hypothesis, analysis, questions, or error; Not in passive, 3<sup>rd</sup> person; No supporting evidence. No complete thoughts or statements of conclusion.</p>	<p>Does not adequately address or distinguish hypothesis, analysis, questions, or error; Not in passive, 3<sup>rd</sup> person; No supporting evidence. Did not write complete thoughts or statements of conclusion.</p>	<p>Addresses &amp; distinguishes hypothesis, analysis, questions, error, but little supporting evidence; Not in passive, 3<sup>rd</sup> person; Complete thoughts or statements of conclusion.</p>	<p>Addresses &amp; distinguishes hypothesis, analysis, questions, error, w/ supporting evidence; In passive, 3<sup>rd</sup> person; Complete thoughts &amp; supported statements of conclusion.</p>	<p>Hypothesis (2%) Passive, 3<sup>rd</sup> (2%) Analysis (5%) Questions (10%) Supporting Evidence (5%) Sentences (5%) Error (4%)</p>
<p><b>Bibliography</b> (5-10 %)</p>	<p>No citations included.</p>	<p>Not alphabetical or in MLA format; Missing required sources (need 3 minimum).</p>	<p>Alphabetical; MLA format; minimum 3 resources (e.g. text, notes, worksheet, directions, videos, etc.).</p>	<p>Alphabetical; MLA format; includes all resources used (e.g. text, notes, worksheet, directions, videos, etc.).</p>	<p>MLA (2%) Text (1%) Citations (2-7%)</p>
<p><b>General Format</b></p>	<p>Font size not 12; Not black font for all content except in tables or graphs; Margins not 1”; No heading; No title; Not spell checked; Wordy, incoherent; Used 1<sup>st</sup>-2<sup>nd</sup> personal pronouns; Spacing inconsistent between headings, content and sections; Not single spaced; Tables/headings split between pages.</p>	<p>Font size not 12; Not black font for all content except in tables or graphs; Margins not 1”; Improper heading; Title not centered; Not spell checked; Wordy, incoherent; Used 1<sup>st</sup>-2<sup>nd</sup> personal pronouns; Too much space between heading and content and between sections; Not single spaced; Tables/headings split between pages.</p>	<p>Font size 12; Black font for all content except in tables or graphs; Margins 1”; Proper heading; Centered title; Spell checked; Concise, coherent; Used impersonal pronouns; Spacing inconsistent;  Single spaced; Tables/headings not split between pages.</p>	<p>Font size 12; Black font for all content except in tables or graphs; Margins 1”; Proper heading; Centered title; Spell checked; Concise, coherent; Used impersonal pronouns; One space between heading and content and between sections; Single spaced; Tables/headings not split between pages.</p>	<p>(1-5%)</p>