

Formal* Laboratory Report Rubric, 3rd ed. (*typed, 11-pt. Arial or 12-pt. Times New Roman, double-spaced; includes multiple [at least three] sources: One may be the text book; one must a reliable internet source—e.g., .org, .edu, .gov; additional sources are your choice.)

Name _____ Period _____ Abbrev. Report Title _____ Score _____

	10 points	8 points	6 points	4 points
Title Page	Title is clear and descriptive. Author's name, course name, date, and school name are included on the title page.	Title is ambiguous. Author's name, course name, date, and school name are included.	Title is ambiguous and/or author's name, course name, date, or school name missing.	Title page is missing. However, a clear and descriptive title appears at the top of the first page of text.
Introduction (Missing heading, -2 points)	States a problem or asks a question. Makes a clear statement of purpose. Describes completely the scientific principles involved in the investigation. Includes chemical-safety considerations. Cites sources in the correct places and format—i.e., APA parenthetical citations (see APA Guidelines handout).	States a problem or asks a question. Makes a clear statement of purpose. Describes most of the scientific principles involved in the investigation, and/or safety missing, or sources incorrectly cited or formatted.	Makes a less-than-clear statement of purpose, and/or makes an attempt to describe the scientific principles involved in the investigation, albeit misstated.	Something is written, but it does not conform to the guidelines for an introduction.
Materials and Methods (Missing heading, -2 points)	Lists all materials used in the investigation. Presents, in paragraph form, a clear and concise first-person, or third-person-omniscient, account (not a "recipe") of the procedures utilized in the investigation, such that another individual could replicate the lab setup and investigation.	Lists most of the materials used in the investigation, and/or presents an unclear or numbered first-person, or third-person-omniscient, account of the procedures utilized in the investigation.	Lists some of the materials used in the investigation, and/or presents a "recipe" or numbered account of the procedures utilized in the investigation.	Materials list missing, and/or "Methodology" is presented as a list of procedures for the investigation.
Results and Analysis (Missing heading, -2 points)	Collects, organizes, and displays data accurately (i.e., with <u>significant figures</u>) in table(s). Includes graph(s), if applicable. Contains a concise, but complete, summary and description of results. Includes complete calculations, if applicable, done neatly or typed.	Collects, organizes, and displays data in table(s) with minor inaccuracies (e.g., sig figs). Includes graph(s), if applicable. Contains a brief summary and description of results. Calculations done neatly, but may be incorrect.	Collects, organizes, and displays data with considerable error, and/or includes no graph(s), when applicable. Contains a poor summary or description of results, and/or calculations incomplete or incorrect.	Some or all data missing, and/or includes no graph(s), when applicable. May contain a poor attempt at describing results, and/or calculations missing.
Discussion (or Conclusions) (Missing heading, -2 points)	Presents a reasonable interpretation of, and logical explanation for, all findings pertaining to problem and stated purpose above. Discusses possible sources of error, in detail, including ways of possibly avoiding such errors in future investigations.	Presents a reasonable interpretation of, and explanation for, findings pertaining to problem and stated purpose. Discusses possible sources of error in detail.	Presents a poor interpretation of findings pertaining to problem and stated purpose, and/or fails to address sources of error adequately, if at all.	Something is written, but it is not an interpretation of findings, and/or fails to address sources of error.
Sources Cited (Missing heading, -2 points)	Lists sources for all citations made in the <i>Introduction</i> and throughout the paper. Correctly follows APA format for given sources (see APA Guidelines handout).	Lists sources for most citations made in the <i>Introduction</i> and throughout the paper, and/or incorrectly follows formats for some given sources.	Lists sources for some citations made in the paper. Formats for given sources incorrect.	Source list is missing, or grossly incomplete.

*Hand-written formal reports will not be accepted. (You can look forward to having two formal reports assigned, this year—TBA.)

SSHS ESLRs Addressed: Powerful Thinkers; Effective Communicators; Academic Excellence; Assuming Responsibilities of Adulthood

Attention: A copy of this form must accompany each formal lab report, or 4 points will deducted from your grade.