

Name _____ Period _____ Abbrev. Report Title _____ Score _____

	5 points	4 points	3 points	2 points
Title	Title is clear and descriptive. Author's name, course name, date, and school name are included.	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 is missing, and author's name, course name, date, or school name missing.
Introduction (Missing heading, -1 point)	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—(Wilbraham et al, 2007), (LeMay et al, 2000) [see below] or safety source (Flinn, date modified, etc.) or all—where applicable.	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.	Does not state a problem or ask a question, and/or makes a less-than-clear statement of purpose, and/or makes an attempt to describe the scientific principles involved in the investigation, albeit misstated. Sources may not be cited.	Something is written, but it does not at all conform to the guidelines for an introduction.
Materials and Methods (Missing heading, -1 point)	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 set-up 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 presents a list of procedures for the investigation.
Results and Analysis (Missing heading, -1 point)	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.	Collects, organizes, and displays data in table(s) with minor inaccuracies (e.g., sig figs). Includes graph(s), if applicable. Contains too little or no summary and description of results. Calculations done neatly, but may be incomplete or incorrect.	Collects, organizes, and displays data with considerable error, or no recognizable table, and/or includes no graph(s) or no adequate graph(s), when applicable. Contains a poor summary or description of results, and/or calculations incomplete, incorrect, or illegible or sloppy.	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, -1 point)	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.	Presents a less-than-reasonable interpretation of findings pertaining to problem and stated purpose, and/or fails to address sources of error adequately.	Something is written, but it is not an interpretation of findings, and/or fails to address sources of error.
Sources Cited (Missing heading, -1 point)	Includes at least one or both of the following sources (as used): Wilbraham, A.C., Staley, D.D., Matta, M.S., and Waterman, E.L. (2007). <u>Chemistry</u> . Boston, MA: Pearson Prentice Hall. LeMay, H.E., Beall, H., Robblee, K.M., and Brower, D.C., (2000). <u>Chemistry: Connections to Our Changing World, Laboratory Manual</u> . Upper Saddle River, NJ: Prentice Hall.	Lists sources with minor mistakes in formatting, and/or inaccurate reporting of sources used.	Lists sources with major mistakes in formatting. May inaccurately report sources used.	Source list is grossly incomplete.

SSHS ESLRs Addressed: **Powerful Thinkers; Effective Communicators; Academic Excellence; Assuming Responsibilities of Adulthood****Attention:** A copy of this form must accompany each informal lab report, or 2 points will deducted from your grade.