Thermal Properties I Lab

Name_____

CATEGORY	EXEMPLARY	ACCOMPLISHED	DEVELOPING	EMERGENT
Quality of Presentation	Excellent effort that successfully communicates all the relevant features of the experiment in a thoroughly professional looking manner	Good effort that is facilitates the reader's understanding of the data with no substantive errors in plots, calculations, grammar or communication.	Good effort with some errors in plot labeling or calculations; inconsistencies in presentation, grammar, or communication (handwritten)	Some effort, small and hard to read or hand written, ineffective communication of concepts
Linear Expansion	Technique for determining coefficient of linear expansion is fully explained with additional extensions to other settings or tools	Technique for determining coefficient of linear expansion is clearly effective and thoughtfully correlated with accepted values. Temperature correction clearly presented.	Technique for determining coefficient of linear expansion is workable and leads to a plausible result	Technique for determining coefficient of linear expansion unlikely to be successful.
Volumetric Expansion	Technique for determining coefficient of volumetric expansion is fully explained with additional extensions to other settings or tools	Technique for determining coefficient of volumetric expansion is clearly effective and includes flask effect Temperature correction clearly presented.	Technique for determining coefficient of volumetric expansion is workable and leads to a plausible result	Technique for determining coefficient of volumetric expansion unlikely to be successful.
Refrigerator Temperature Switch	A well reasoned and Integrated analysis of observational data/evidence with reflection of technical reasons for this solution.	Effective determination of sensor type based on thoughtful analysis of observational data/evidence - correctness irrelevant	Statement of predicted sensor type along with some observational data/evidence that is relevant to the assertion.	Simple statement of type of sensor with no substantial data/evidence in support.
Comments				