Science Department Laboratory Report Grading Rubric

"The Students, faculty, staff, and administration of Wilby High School will work cooperatively with families, members of the community, and the Board of Education to create a safe, welcoming, and academic environment which embraces, challenges, and nurtures the diverse talents, interests, and learning styles of all its students. All students will leave Wilby High School with the self-respect, respect for others, knowledge, and skills necessary to become independent, intellectually curious, and self-fulfilled members of society."

	6 Exemplary	5 Goal	4 Proficient	3 WTP	2 Needs Improvement	1 Not Acceptable
Problem (EPS,CC)	The problem clearly explains the purpose of the lab and includes independent and dependent variables.		The problem is clearly stated and explains the purpose of the lab.		The problem is not clearly stated.	The explanation of the problem is limited or omitted.
Background Information (EW)	Information included is relevant and complete, utilizing appropriate vocabulary and concepts related to the laboratory activity.		Information included is relevant and complete, and most concepts related to the laboratory activity are discussed with limited vocabulary.		Information included is relevant but not complete. Appropriate vocabulary is not utilized.	Information is either very limited, not relevant, or omitted.
Hypothesis (EW, EPS)	Hypothesis is clearly stated in the if/then form and includes reason(s).		Hypothesis is stated in the if/then form including reason(s).		Hypothesis is stated in the if/then form.	Hypothesis is not in the if/then form or is omitted.
Experimental Design (EW, CCW)	The materials are listed; the experimental procedure is clear, complete, and replicable. A control is included when appropriate.		The materials are listed, the experimental procedure is clear but not complete, although can be replicated. A control is included when appropriate.		The materials are listed, the experimental procedure is included, but not complete and/or replicable.	List of materials and experimental procedure are incomplete or omitted.
Data (EPS)	All data is collected and recorded. All calculations are included. Data is displayed visually (when applicable) and labeled correctly including units of measurements.		All data is collected and recorded. All calculations are included. Data is displayed visually (when applicable) with minor errors or omissions.		All data is collected and recorded. Calculations are incomplete or may not be included. Data is displayed visually (when applicable) with major errors or omissions.	Limited data is collected and recorded, or data is omitted. There is no visual display of data (when applicable).
Analysis (EPS, SDL, EW)	Results are analyzed, fully supported by data and related to the problem. Possible sources of error are discussed.		Results are analyzed and somewhat supported by data and related to the problem. Possible sources of error are discussed.		Results are analyzed and related to the problem. Sources of error are omitted.	Results are present but not related to the problem, or are omitted.
Conclusion (EW, EPS)	Data is used to prove or disprove the hypothesis. Results are explained using concepts related to the laboratory activity.		Data is used to prove or disprove the hypothesis. Results are explained using some concepts related to the laboratory activity.		The hypothesis is proved or disproved without explanation.	The hypothesis is not proven or disproved, or the conclusion is omitted.