

**FIGURE 2. Revised Rubric**

Criteria	Extending (4)	Proficient (3)	Developing (2)	Emerging (1)
<b>Scientific Understanding</b>	Demonstrates a deep and insightful understanding of conductivity factors, with detailed and accurate explanations using relevant scientific concepts.	Shows a clear understanding of conductivity factors, providing accurate explanations.	Displays an adequate understanding of conductivity factors, with some minor inaccuracies or less detail.	Begins to understand conductivity factors, although explanations may have significant inaccuracies.
<b>Data Analysis and Interpretation</b>	Provides a comprehensive analysis, organizes data effectively, and draws insightful conclusions.	Analyzes data clearly, presents them well, and draws sound conclusions.	Analyzes data adequately, with minor organizational issues or less depth in conclusions.	Starts to analyze data, although may need support in organizing data and drawing conclusions.
<b>Critical Thinking and Application</b>	Demonstrates thoughtful analysis of real-world applications, makes insightful proposals, and connects strongly to scientific principles.	Discusses real-world applications clearly, makes reasonable proposals, and connects to scientific principles.	Discusses applications adequately, with some depth in proposals or connections.	Begins to discuss real-world applications, with initial proposals and connections to scientific principles.

Source: OpenAI. (2024). ChatGPT (July 11 version) [Large language model].