Indicator	Does Not Yet Meet Expectations (1)	Approaches Expectations (2)	Meets Expectations (3)
Explains Phenomena: Does the explanation address how an airbag functions?	Explanation does not explain the phenomenon or only describes what happened (observations not explanations)	Explanation includes some relevant parts of the explanation to explain how the phenomenon occurs, but does not include the cause of the phenomenon.	Explanation connects all relevant components and relationships (observable and unobservable) to explain what caused the phenomenon.
Fits With Evidence: Does the explanation include evidence collected during the unit?	Evidence is not correctly related to the explanation or not included at all.	Explanation correctly incorporates some of the evidence collected through the investigations.	Explanation refers to a sufficient amount of relevant evidence collected through the investigations to support claims and justifies why it is evidence.
Driving Question: Does the explanation answer the driving question and cite evidence?	Explanation does not correctly answer the driving question or no evidence is included.	Explanation includes some essential concepts to answer the driving question, but not all that are needed and/or lacks evidence to support the answer.	Explanation correctly answers the driving question and cites sufficient and relevant evidence to support the answer.
Big Idea: Does the explanation provide information on what happens during a chemical reaction on the molecular level?	Explanation does not correctly address the big idea or does not reference it at all.	Explanation provides some essential concepts addressing what is happening during a chemical reaction, but lacks necessary detail.	Explanation includes essential concepts that address what is happening on a molecular level during a chemical reaction.
Explanation Clarity: Is the explanation written clearly enough for someone else to understand?	Explanation is not clearly written.	Explanation is somewhat clearly written, but shows room for improvement.	Explanation is clearly written in a way that allows others to understand how and why the phenomenon happens.

Total Score ____/15