cer rUBRIC

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Exceeds Expectations** | **Meets Expectations** | **Below Expectations** |
| Claim | A clear causal explanation for the phenomenon is provided | Claim explains the phenomenon | Claim does not explain the phenomenon |
| Evidence | Meets expectations AND | Includes at least **[insert # here]** pieces of evidence | Includes fewer than **[insert # here]** pieces of evidence |
| Evidence comes from multiple sources | Evidence is accurate and relevant | Contains inaccuracies or evidence is irrelevant |
| Includes a detailed explanation of evidence | Evidence aligns with student claim (i.e., demonstrates why claim is accurate) | Evidence does not align with the student claim |
| Reasoning | Meets Expectations AND | Links each piece of evidence to the claim | Not all evidence is linked to the claim |
| Explicitly links evidence to the claim using scientific concepts (i.e., disciplinary core ideas) | Is accurate and aligns logically with the evidence | The connections made between evidence and claim are not aligned (e.g., evidence is correct but reasoning doesn’t match; reasoning is correct but doesn’t match the evidence) |
|  | Includes some discussion of scientific concepts (i.e., disciplinary core ideas) | Discussion of scientific concepts is incomplete OR contains some inaccuracies |