|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Claim** | **Evidence** | **Reasoning** |
|  |  | *A statement or conclusion that answers the original question/problem.* | *Scientific data that supports the claim. The data needs to be appropriate and sufficient to support the claim.* | *A justification that links the claim and evidence. It shows why the data counts as evidence by using appropriate and sufficient scientific principles.* |
| **L****E****V****E****L** | **0** | Does not make a claim, or makes an inaccurate claim. (Level 0)------------------------------------ | Does not provide evidence, or only provides inappropriate evidence (Evidence that does not support claim). (Level 0)--------------------------------------------------------------------------- | Does not provide reasoning, or only provides reasoning that does not link evidence to claim. (Level 0)--------------------------------------------------------------------------- |
|  **V****a****r****i****e****s****f****r****o****m****1****to****5** | Makes an accurate, but incomplete claim. (Level 1)------------------------------------ | Provides appropriate, but insufficient evidence to support claim. May include some inappropriate evidence. (Level 1-4)--------------------------------------------------------------------------- | Provides reasoning that links the claim and evidence. May include some scientific principles, but not sufficient. (Levels 1-4)--------------------------------------------------------------------------- |
|  | Makes an accurate and complete claim.(Level 2)------------------------------------ | Provides appropriate and sufficient evidence to support claim. (Level 5)--------------------------------------------------------------------------- | Provides reasoning that links evidence to claim. Includes appropriate and sufficient scientific principles. (Level 4)--------------------------------------------------------------------------- |