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| **Scoring Rubric for: Write a Conclusion**  |
| **Attributes of a Conclusion**Note: The italicized print is the part of the “Example” credited for the attribute. |
| **Description** | **Attributes** |
| **Conclusive statement** correctly answers the experimental question (or correctly states whether the hypothesis/prediction was correct): *As the manipulated variable increased, the responding variable increased.* | 1 |
| **Supporting data should at least be over the entire range of the conditions investigated. Thus the minimum reported data are the lowest and highest conditions of the manipulated variable for quantitative data (responding variable when the manipulated variable information is descriptive).** |
| **Supporting data for lowest condition:** *When the manipulated variable was Xlowest, the responding variable was the lowest, Ylowest.*  | 1 |
| **Supporting data for highest condition:** *When the manipulated variable was Xhighest, the responding variable was Yhighest.* | 1 |
| **Explanatory language**, separate from the conclusive statement, is used to connect or compare the supporting data to the conclusive statement: *So changing the manipulated variable by X caused the responding variable to increase/decrease by Y.* | 1 |
| **Scientific Explanation** provides a plausible scientific reason that explains the trend seen in the data table in terms of established scientific knowledge. | 1 |
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