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| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 1-2 | 3-4 | 5-6 | Score | Teacher’s comments |
| 1 Research Design |  | **States** a research question. | **Outlines** a research question, providing broad context.  | **Describes** a research question, providing specific and appropriate context.  |  |  |
| **States** methodological considerations associated with the collection of relevant data, but there are omissions. | **Describes** methodological considerations associated with collection of **relevant** and **sufficient** data. | **Explains** the reasoning behind selection of methodological considerations associated with collection of **relevant** and **sufficient** data.  |
| **Describes** a methodology for collecting and selecting data that lacks detail to allow for precise replication.  | **Describes** a methodology for collecting and selecting data that allows for replication with some errors and/or omissions.  | **Describes** a methodology for collecting and selecting data that allows for replication with utmost precision.  |
| 2 Data Analysis |  | **Records** the data and its processing with limited precision. | **Records** the data and its processing with either clarity **or** precision. | **Records** the data and its processing with both clarity **and** precision.  |  |  |
| Provides limited **evidence** for the consideration of uncertainties.  | Provides **evidence** for the consideration of uncertainties with omissions **or** inaccuracies.  | Provides appropriate **evidence** for the consideration of uncertainties.  |
| **Processes** data with major omissions, inaccuracies **or** inconsistencies, in a way that does not allow to reach a valid conclusion. | **Processes** data with significant omissions, inaccuracies **or** inconsistencies, in a way that allows to reach a conclusion with some validity.  | **Processes** data appropriately and accurately, in a way that allows to reach a valid conclusion.  |
| 3 Conclusion |  | **States** a conclusion relevant to the research question that is not supported by data and its analysis. | **Describes** a conclusion relevant to the research question that is **not** fully consistent with the data and its analysis.  | **Justifies** a conclusion relevant to the research question that is **fully** supported by the data and its analysis |  |  |
| Makes **superficial links** between the conclusion and the accepted scientific context.  | Makes **some relevant links** to describe the conclusion within the accepted scientific context.  | Makes **thorough relevant links** to justify the conclusion within the accepted scientific context |
| 4 Evaluation |  | **States** generic methodological weaknesses or limitations.  | **Describes** specific methodological weaknesses or limitations. | **Explains** the relative impact of specific methodological weaknesses or limitations.  |  |  |
| **States** realistic improvements to the investigation.  | **Describes** relevant and realistic improvements to the investigation.  | **Explains** relevant and realistic improvements to the investigation.  |
|  |  |
|  TOTAL  |  |  |