|  |  |
| --- | --- |
| NUMBER GRADE | DESCRIPTORS |
| 10 | *The report includes all of the following:*  -A clear research question is stated at the beginning of the text.  -The student has clearly included the independent and dependent variables.  -The student has clearly indicated which variables need to be controlled and which variables could not be controlled.  -The method and materials include all relevant steps and a description that allows the reader to understand exactly how the data was collected.  -The method allows for providing some answer to the research question.  -The background information is relevant and properly cited in the text.  -The report includes a hypothesis, stated as H1 and H0 where applicable.  -The raw / empirical data is collected and presented.  -The raw data is processed to some extent and presented.  -The presentation of data facilitates answers to the research question  -The data is correctly interpreted.  -Conclusions are drawn in light of the data.  -The conclusion(s) attempt to answer the research question.  -The student considers what could be done to make the investigation better.  -The layout of the report is clear.  -The report is spell- and grammar-checked. The language used in the report is scientific and creative. |
| 9 | *The report includes nearly all of the points listed in the grade 10 descriptors.* |
| 8 | -A research question is stated at the beginning of the text.  -The student has included the independent and dependent variables.  -The student has indicated which variables need to be controlled and which variables could not be controlled.  -The method and materials include relevant steps and a description that allows the reader to understand how the data was collected.  -The method allows for providing some answer to the research question.  -The background information is relevant and properly cited in the text.  -The report includes a hypothesis, stated as H1 and H0 where applicable.  -The raw / empirical data is collected and presented.  -The raw data is processed to some extent and presented.  -The presentation of data is connected to the research question  -The data is correctly interpreted.  -Conclusions are drawn in light of the data.  -The conclusion(s) may provide some answer the research question.  -The student considers what could be done to make the investigation better.  -The layout of the report is clear.  -The report is spell- and grammar-checked. The language used in the report is scientific and creative. |
| 7 | *The report includes nearly all of the points listed in the grade 8 descriptors.* |
| 6 | *The report is missing several points listed in the grade 8 descriptors.* |
| 5 | *The report is missing most points listed in the grade 8 descriptors.* |
| 4 | *The report lacks all or nearly all of the points listed in the grade 8 descriptors.* |