**SCIENCE 10 – BIOLOGY LAB RUBRIC** NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|   | **4** | **3** | **2** | **1** | **0** |
| **Title Page** | **1**. Title about 1/3 of the way down on the page accurately indicate the title of the experiment.**2**. Double spaced then student’s name**3**. At the bottom left , class title (Biology 11) same line on right teacher’s name (Mrs. E. Levesque-Godin)**4**. Date centered on last line (day month year – ex. 21 June 2007) of day lab report due. | One of the four components of the title page is missing. | Two of the four components of the title page is missing. | One of the four components of the title page is missing. | Four of the four components of the title page is missing. |
| **Introduction****Purpose/****Hypothesis**  | Background information is researched and cited. Hypothesis is stated in “If…then…” format and explained.  | Background information is researched and cited. Hypothesis is stated but not explained and not in “If…then…” format.  | Background information is vague or brief. Hypothesis is stated but not explained and not in “If…then…” format.  | Background is vague or brief, hypothesis is vague, or background or hypothesis is missing.  | No introduction is presented.  |
| **Materials and Methods and/or Procedures** | Materials and amounts are identified. Steps are easy to follow and in paragraph form.  | Materials are mentioned but without amounts. Steps are easy to follow and in paragraph form.  | Materials are mentioned but without amounts. Steps are vague but in paragraph form.  | Doesn’t provide enough information to represent an experimental procedure.  | No materials or methods described.  |
|   | **4** | **3** | **2** | **1** | **0** |
| **Data – Recording and Analyzing Results** | Data is complete and relevant. Tables are easy to read and units are provided. Graphs are labeled and show trends. Questions are answered completely and correctly.  | One component of data incomplete: \_\_\_Tables \_\_\_Graphs \_\_\_Questions  | Two components of data incomplete or one missing: \_\_\_Tables \_\_\_Graphs \_\_\_Questions  | Data is brief and missing significant pieces of information.  | No data reported.  |
| **Conclusion**  | Conclusion summarizes experiment, cites data, addresses hypothesis, and cites sources of error.  | One component of conclusion missing: \_\_\_Summary \_\_\_Data \_\_\_Hypothesis \_\_\_Errors  | Two components of conclusion missing: \_\_\_Summary \_\_\_Data \_\_\_Hypothesis \_\_\_Errors  | Conclusion is brief and is missing significant pieces of information.  | No conclusion present.  |
| **Report quality**  | Report is well organized and cohesive and contains no mechanical errors. Presentation seems polished.

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 | Report is well organized and cohesive but contains some spelling or grammatical errors. | Report is somewhat organized with some spelling or grammatical errors. | Report contains many errors.  | No attention to detail evident.  |