**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.   |  | | --- | |  | | 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. |