**Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Life History Report (100 pts possible)**

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| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Score** |
|  | **0 pts** | **1 pt** |  |  | **Of 1** |
| **Title (1 pt)** | Not attempted | Relevant to paper, no more than one sentence  |  |  |  |
|  | **0 pts** | **3 pts** | **6 pts** | **10 pts** | **Of 10** |
| **Abstract** **(10 pts)** | Not attempted | Several major aspects of the experiment are missing, student displays a lack of understanding about how to write an abstract | Abstract misses one or more major aspects of carrying out the experiment or the results | Abstract contains reference to all major aspects of carrying out the experiment and the results, well-written |  |
|  | **5 pts** | **8 pts** | **12 pts** | **15 pts** | **Of 15** |
| **Introduction****(15 pts)** | Very little background information; Background information not properly cited, background information incorrect | Very little background information provided or information is incorrect | Introduction is nearly complete, missing some minor points | Introduction complete and well-written; provides all necessary background principles for the experiment |  |
|  | **0 pts** | **5 pts** | **8 pts** | **10 pts** | **Of 10** |
| **Methods****(10 pts)** | Not attempted | Missing several important experimental details or not written in paragraph format | Written in paragraph format, important experimental details are covered, some minor details missing | Well-written in paragraph format, all experimental details are covered |  |
|  | **5 pts** | **10** | **15** | **20** | **Of 20** |
| **Results****(20 pts)** | Some figures and/or tables are missing; statistical analyses are not included or are incorrect. | Figures or tables contain errors or are poorly formatted. Statistical analyses are missing or incorrect. | All figures and tables are correctly formatted, but some have minor problems or could still be improved. Minor statistical mistakes. | All figures and tables are correctly formatted, are numbered and contain titles/captions. Statistical analyses are properly presented. |  |
|  | **5 pts** | **10** | **20** | **25** | **Of 25** |
| **Discussion****(25 pts)** | Most of the results have not been interpreted correctly and discussed; demonstrates little understanding of results | Some of the results have been correctly interpreted and discussed; partial but incomplete understanding of results is still evident | Almost all of the results have been correctly interpreted and discussed, only minor improvements are needed | All important trends and data comparisons have been interpreted correctly and discussed, good understanding of results is conveyed |  |
|  | **0 pts** | **3 pts** | **6 pts** |  | **Of 6** |
| **Grammar****(6 pts)** | Frequent grammar and/or spelling errors, writing style is rough and immature | Occasional grammar/spelling errors, generally readable with some rough spots in writing style | Fewer than 3 grammar/spelling errors, mature, readable style |  |  |
|  | **0 pts** | **1 pts** | **2 pts** | **3 pts** | **Of 3** |
| **Form****(3 pts)** | Sections out of order, too much handwritten, sloppy formatting | Sections almost in order, no handwriting, better but still needs a lot of work | All sections in order, formatting generally good but could still be improved | All sections in order, well-formatted, very readable |  |
|  | **0 pts** | **2 pts** | **5 pts** | **10 pts** | **Of 10** |
| **Literature Cited (10 pts)** | Not attempted | Several citations missing, formatting not the same, websites cited | Some citations missing, formatting not the same, websites cited | All citations peer reviewed, formatting the same, all citations included |  |
|  |  |  |  | **TOTAL SCORE (of 100)** |  |