**The Characteristics of Life**

**Laboratory Rubric**

**Objective:** To describe the characteristics of life based upon scientific evidence gathered during authentic laboratory experiences.

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| Laboratory Component | 3Exceeds Expectations | 2Meets Expectations | 0Below Expectations | Comments |
| **Communication**- grammar- spelling- structure/style |  |  |  |  |
| **Introductory Paragraph (x3)**- describes objective of experiments - describes objective of letter- explains the importance of all of the characteristics of life- explains each characteristic of life |  |  |  |  |
| **Experimental Design (x4)**- designs and implements at least 3 controlled experiments.- experiments test for at least 3 different characteristics of life. |  |  |  |  |
| **Argues from Evidence (x4)**- clearly describes data collected- refers directly to specific data to support/reject hypothesis.- clearly describes the connection between the data collected and the hypothesis |  |  |  |  |
| **Concluding Paragraph (x3)**- summarizes the findings of the experiments- presents a concise statement of the role the experiments had on determining which samples were alive- offers suggestions for future research- identifies sources of error in experimentation  |  |  |  |  |