**Characteristics of Life Lab Investigation**

1. Obtain a sample and record the specimen ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Observe and record your observations of the sample:
3. Formulate a hypothesis regarding whether the sample is biotic or abiotic. (*if… then… because*)
4. Consider the characteristics of life common to all living organisms. Select at least one characteristic to investigate to either support or reject your hypothesis.

Characteristic of life \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Experimental design:

* Independent variable -
* Dependent variable –
* Control –
* Constants –
* Trials –

Procedure (*numbered list & sketch*):

1. Record and summarize your results

Data (*in an organized table*):

Summary of results:

 *The data shows… For example…. (cite data)*

 *Exceptions to this trend is/are… For example… (cite data)*

1. Create an evidence-based claim that supports or rejects your hypothesis.

  *Results from this experiment indicated that sample \_\_\_\_ is/is not biotic/abiotic because …*

 *Future experimentation should investigate… because…*