**General breakdown of the point system for grading AP biology lab write ups**

Point values are approximates when all bulleted items are present. Values will change when bulleted items are not required.

**Abstract: (10pts max)**

* Clear description of the complete lab (does not have to contain numbers or calculations)

**Purpose: (15pts max)**

* Problem stated (6pts)
* Hypothesis stated ( 6pts)
* Complete sentences (3pts)

**Apparatus/Materials: (when applicable) (10pts max)**

* Complete list of apparatuses and materials used (5pts)
* Diagrams of materials or apparatus set up (5pts)

**Procedure: (10pts max)**

* Individual steps listed in numerical/procedural order (5pts)
* Describe a control (if applicable) (2pts)
* Identify experimental variables (3pts)

**Data: (10pts max)**

* Tables include units at the top heading only (5pts)
* Multiple trials tested (4pts)
* Only measured data included (1pt)

**Evaluation of Data: (10pts max)**

* Graphs and analysis (3pts)
* Post laboratory calculations, including formulas (3pts)
* Examples of arithmetic (2pts)
* Percent error (if applicable) (2pts)

**Conclusions: (35pts max)**

* Restated purpose/hypothesis (7pts)
* Explanation of calculations (5pts)
* Appropriate units on numbers (1pt)
* Explanation of how data proves/disproves hypothesis (15pts)
* Explanations of errors or unexpected results (7pts)