Name _____ Date _____ Period _____

AP BIOLOGY – LAB REPORT RUBRIC

TITLE:

_____ / 1   The purpose of the investigation is concisely stated.

ABSTRACT:

_____ / 2   A summary of the investigation is written in 100 words or less.

> **TOTAL POINTS EARNED**:
>
> _____ / 50

INTRODUCTION:

_____ / 2   The background information is relevant to the lab and is clearly explained.
_____ / 1   The purpose, objective, or primary question of the lab is clearly stated.
_____ / 2   The hypothesis(es) is/are clearly stated in "if, then" format and make(s) a reasonable prediction.

EXPERIMENTAL DESIGN:

_____ / 2   The materials and equipment used in the lab are clearly listed.
_____ / 2   The procedure for the lab is explained. Be specific but brief. Include labeled diagrams if necessary.
_____ / 2   The control group, independent variable, dependent variable, and constants are clearly identified.

RESULTS:

_____ / 5   The qualitative and/or quantitative observations are included. When relevant, all necessary calculations are included.
_____ / 2   Data is displayed in the appropriate formats, such as charts, graphs, data tables, diagrams, etc. Correct labels are included (titles, axes, column headings, etc.)

DISCUSSION:

_____ / 5   The lab results are clearly explained using CLAIM-EVIDENCE-REASONING.
_____ / 3   The explanation specifically refers to data.
_____ / 3   The explanation specifically refers to the hypothesis and primary question.
_____ / 3   The explanation discusses any problems and/or possible sources of error.

CONCLUSION:

_____ / 2   The main points of the lab are summarized.
_____ / 2   Two or more ways to improve or modify the lab are described.
_____ / 4   Based on the results of the lab, two or more questions for further investigation are proposed. A hypothesis for each question is included.

POST-LAB QUESTIONS:

_____ / 4   The post-lab questions are correctly answered, referencing data from the lab.

APPEARANCE:

_____ / 1   The lab report is typed: 12 point font, single-spaced, 1" margins.
_____ / 1   The lab report is free of spelling/grammatical/punctuation errors.
_____ / 1   The lab report has a title page which lists the following information:
                 title of lab, your name, name(s) of your lab partners, date.