

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.

_____ / 2 The primary question(s) of the lab is/are 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. 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 data is clearly cited and described using CLAIM-EVIDENCE-REASONING.

_____ / 3 The explanation specifically refers to the hypothesis(es) and primary question(s).

_____ / 3 The explanation discusses any specific 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 primary questions for further investigation are proposed. A hypothesis for each question is included. Proper rationale is provided for each primary question and hypothesis.

POST-LAB QUESTIONS:

_____ / 3 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.