**AP Biology Pre-Lab** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the pre-lab for every experiment before coming to lab. The lab write‐up must be kept in your notebook. Doing a thorough job on the pre-lab will help you write the lab report.

Copying another person’s pre‐lab is cheating. A grade of zero will be given if you are caught copying another person’s pre‐lab or letting them copy your pre-lab.

Carefully read the lab. You will have access to a lab handout that contains background information and the lab procedure. There may be supplemental materials you must access in order to prepare for the lab. Read it all. And don't just skim it. In fact, you will probably need to read it more than once to get a good grasp of it. Next, complete the pre-lab.

**Lab Title**

**Purpose** (What concepts are you learning? Which Big Idea applies? Which Science Practices apply?)

**Procedure** (An easy to follow numbered list of steps that will be performed in the lab written in your own words. Include the time frame. Do not copy the procedure from the lab handout. You may wish to sketch diagrams to help you visualize the steps of the lab.)

**Hypothesis** (Written as: If [state the **hypothesis**], and [state how you will **test** the hypothesis], then [state the specific, measureable predicted **outcome** of the experiment])

**Dependent Variable** (The variable that will change; the experimental group)

**Independent Variable** (The variable being manipulated)

**Data Collection** (What are you measuring? What data are you collecting?)

**Statistical Method(s)** (Which method? What will it tell you?)

**Presentation of Results** (How will you represent your findings? e.g. graphs, tables)