**AP BIOLOGY COMMAND TERMS**

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| **When you see this:** | **Do this in your answer:** |
| **Predict** | **Write what you think will happen** |
| **Justify** | **Explain your prediction WITH evidence** |
| **Explain, Elaborate or Discuss** | **Write SEVERAL sentences, using evidence to support your answer** |
| **Calculate** | **Show your work, use correct UNITS!** |
| **Graph** | **Label the IV and DV on the graph and connect the points. Do NOT extend the line to “0” unless you are specifically given a data point with “0”. Always add a TITLE to the graph. Also, UNITS, UNITS, UNITS!!** |
| **Hypothesize** | **Think IF….THEN…….BECAUSE** |
| **Describe** | **Use a complete sentence in your description (more than one sentence may be required, but you should always have at least one)** |
| **Create a representation** | **Make a graph or diagram, but always, ALWAYS explain it with words and refer to it in your answer** |
| **Refine** | **Explain an improvement** |
| **Design an experiment** | **Should have at least these: Hypothesis, IV and DV, control group, constants, levels of IV (what you are going to do to the experimental group)** |
| **Identify** | **Write it out in words** |

**How to read a table or graph:**

* **Read title to find out what this is about**
* **Look at X-axis to find IV, what are its units. Now do the same for Y-axis and DV**
* **Is there a key or legend? If so, what does it tell you?**
* **Determine the trend(s): Increasing, decreasing, static, exponential?**
* **This is a \_\_\_\_\_\_ showing the effect of \_\_\_\_\_ on \_\_\_\_\_\_. As the IV increases, the DV \_\_\_\_ because \_\_\_\_\_\_\_**