Name: Date: Class: Gold 1

**DUE DATE: Wednesday, October 15**

**Directions:**

Please complete the following and submit them by sharing them with me on GoogleDrive (my email is ellen.campbell@asu.edu). You may *neatly* handwrite your paragraphs on a separate sheet of paper if you do not have easy access to the Internet.

This will be due the first day back (**October 15**) from Fall Break and will be worth **10 points** in your academic grade for quarter 2.

*Required materials: copy of Ch.3 from the Coursebook (for a full color version, refer to my Weebly)*

**Prompts:**

1. Read through the Chapter 3- Enzymes packet, taking notes in your journal.
2. Write a paragraph (at least 5 sentences) comparing and contrasting the lock and key hypothesis and the induced fit hypothesis for mode of action of enzymes. [2 points]
3. Write a paragraph (at least 5 sentences) discussing factors that affect the rate of enzyme-controlled reactions. [2 points]
4. Write a paragraph (at least 5 sentences) describing and comparing competitive inhibition and non-competitive inhibition. [2 points]
5. Write a paragraph (at least 5 sentences) summarizing enzymes, as described through this chapter. [2 points]
6. Write 3 sentences describing what you learned, what you want to learn, and what questions you have about enzymes. [2 points]

***Optional:***

Want to get ahead on homework for next quarter?

* Answer the in-text SAQ questions
* Answer the End-of-chapter questions