**Chapter 1: Big Idea’s and Science Practices**

**Big idea 1**: The process of evolution drives the diversity and unity of life.   
Big idea 2: Biological systems use energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.  
 **Big idea 3**: Living systems store, retrieve, transmit, and respond to information essential to life processes.

**Big idea 4**: Biological systems interact, and these systems and their interactions possess complex properties.

**Read: Chapter 1**

**Videos:**

<http://www.bozemanscience.com/apb-practice-3-scientific-questioning> (

Google this; Bozeman AP Biology Practice 3 Scientific Questioning

**Questions:**

1. Describe and explain big idea 1 in your own words and give 2 examples.
2. Describe and explain big idea 2 in your own words and give 2 examples.
3. Describe and explain big idea 3 in your own words and give 2 examples.
4. Describe and explain big idea 4 in your own words and give 2 examples
5. Describe the scientific process in the mice experiment starting on pg. 20.
6. Describe and explain what the graph on pg. 23 is showing you.

Email your responses to Baggem@springfieldpublicschools.com

Scavenger hunt and reading; Due on Aug 28th at 11:59