Biology Final Review

*Finals week:*

*3rd period- Monday* ***May 23rd***

*5th period- Monday* ***May 23rd***

*6th period- Friday* ***May 20th***

*7th period- Friday* ***May 20th***

**Genetics-**

Be able to draw a 2x2 Punnett Square using dominant and recessive traits as well as sex-linked specific.

**Evolution:**

1. What is evolution?
2. Who was the Father of Evolution?
3. Describe the following Darwinian terms:

* “Descent with modification”
* “Survival of the fittest”
* “Evolution through natural selection”

1. What is microevolution? Discuss the role of natural selection in microevolution.
2. What makes up a gene pool?
3. What is a cladogram?
   1. What is an out-group?
   2. Where do you find the common ancestor?

**Human Body Systems:**

1. What are the 3 layers of skin?
2. What are the major purposes of the skeletal system?
3. What are the purposes of veins, capillaries and arteries?
4. Describe the role of the following enzymes: Amylase Protease Lipase
5. What are the 2 types of digestion? Where does each type occur?
6. List the 4 stages of food processing in the correct order.
7. What is the function of each of the parts of the kidney?
8. What is a neuron? What are the parts that make it up?
9. What are the two parts of the nervous system? (Central and peripheral)

**Ecology:**

Use the Ecology review guide to study for your final ☺ -- I will let you know what to focus on closer to finals time. For now, focus on studying what we’ve already learned.