Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 2/16/2016 Mr Hood AP Bio [II-NOTES]

**Bozeman Biology Video Worksheet** (Link on class website or http://www.bozemanscience.com/selection)

1. What is a good analogy for selection?
2. What’s a great example of variation in a human population? In a flower population?
3. Define artificial selection. Who/what is the **selective pressure**?
4. Describe 2 examples of artificial selection:
   1. Dogs:
   2. Norman Borlaug (Wheat):
5. What is Ecological (Natural) Selection?
6. Draw the graph and define each type of selection (label a **before** and **after** curve on your graph)
   1. **Directional Selection =** 
      1. Ex:
   2. **Stabilizing Selection** =
      1. Ex:
   3. **Disruptive Selection** =
      1. Ex:
7. What’s unique about the Whiptail Lizard?
8. What would be the main problem if we were all clones?
9. What’s the main reason we have males and sexual selection?
10. What is Sexual Selection?
    1. What’s INTER-sexual selection mean? Between or Within? Who chooses who?
       1. Ex:
    2. What’s INTRA-sexual selection mean? Between or Within? Who chooses who?
       1. Ex:

REVIEW Questions:

1. Which type of selection is where HUMANS choose (are the selective pressure):
2. Which type of selection is where FEMALES choose (are the selective pressure):
3. Which type of selection is where the ENVIRONMENT choose (are the selective pressure):