Name_____ Fabric _____

NATURAL SELECTION OF WOOZLES

WOOZLE HUNT #1

Color of Woozle	Beginning Population #	Woozles Eaten	Remaining Woozles	Woozles added (add 3 for each that is still alive)	New population # (generation 2)

WOOZLE HUNT #2

Colored Woozles	Beginning Population #	Woozles Eaten	Remaining Woozles	Woozles added (add 3 for each that is still alive)	New population # (generation 3)

QUESTIONS (Homework IF you don't finish in class)

1. Were your beginning populations of different Woozles the same for each hunt? Why or why not?

2. Why did you add more Woozles at the end of each hunt? (Because I told you to IS NOT going to work!)… hint; what did those additions represent?

3. What colored Woozle had the largest population at the end of both hunts? WHY?

4. What population had the smallest population at the end of both hunts? WHY?

5. Give TWO examples of how you could apply this to organisms in the wild (only one can deal with color).

6. Create a line graph from your data.
   - Don't' forget a title, and which fabric you had (A,B,C)
   - X-axis is for color survivors. (each color of woozle, the survivors of each generation)
   - Y-axis is for size of population. (make sure to label each color for beginning and final!)
   - Make sure you graph contains a legend which tells me what line goes with what woozle colors.