**Hardy Weinberg mating lab activity.**

What type of organism did our population represent.

What phenotype did the A allele represent?

What phenotype did the a allele represent?

Graph the frequency of A and a for each of the generations.

Describe the selective pressures of the environment inhabited by our population that would have caused the allele frequency to change the way it did. Your explanation and traits must support the data.

What was the lethal allele? How did it impact the population?

Describe a scenario and the change to selective pressures facing your population that would cause :

1. Directional selection. Show a hypothetical graph
2. Stabilizing selection Show a hypothetical graph
3. Disruptional selection Show a hypothetical graph