Unit 1 Quiz 3 Review Sheet

1. Vocabulary
   a. Allele
      ________________________________________________________________

   b. Gene mutation
      ________________________________________________________________

   c. Selective Breeding
      ________________________________________________________________

   d. Evolution
      ________________________________________________________________

   e. Genetic Variation
      ________________________________________________________________

   f. Adaptation
      ________________________________________________________________

   g. “survival of fittest”
      ________________________________________________________________

   h. natural selection
      ________________________________________________________________

   i. acquired trait
      ________________________________________________________________

   j. inherited trait
      ________________________________________________________________
2. Reading graphs— Answer questions about graphs like the ones below (from the Bird Beaks Gizmo).

![Figure 1](image1.png)  
**Beak depth (mm)**

![Figure 2](image2.png)  
**Finches vs Time**

![Figure 3](image3.png)  
**Finches**

3. Read a brief passage about the Galapagos Finches and answer question by 1st making a claim and then selecting evidence from the passage.

4. Know the process of evolution—

   **Genetic Mutation** → leads to → **Variation** within a species → which leads to → **Natural selection** → which leads to → **Adaptations**

5. Be able to recognize how structural, functional, and behavioral adaptations help the organisms survive. For example,