

## Evolution Unit Study Guide

**Reminder - Our “test” for this will be a lab on Evolution. You will need to complete the lab and fill out a lab report/questions relating to the lab you do and evolution**

### Terms:

Evolution	Natural Selection	Variation	Mutation
Charles Darwin	Gene	DNA	Genotype
Camouflage	Heritable	Theory	Traits
Adaptation	Homologous Structures	Mimicry	Concealing Coloration
Disruptive Coloration	Fossil	Fitness	Survival of the Fittest

### You will need to know the following:

1. Understand Charles Darwin’s theory of evolution.
2. The difference between mutations and adaptations.
3. Explain the concept of natural selection as discovered by Charles Darwin.
4. Understand how DNA and genes relate to evolution.
5. Understand how certain traits in animals (longer necks, colour, etc) can allow for them to have a better chance at survival.
6. Know examples of mutations, adaptations, and variation in nature.
7. Know all organisms need space, food, water, and access to resources to survive.
8. Know that as organisms evolve over time there are changes in the traits of the population.