

Name: Sami McCarty \_\_\_\_\_

Date: 5-7-13 \_\_\_\_\_ Per: 4<sup>th</sup> red \_\_\_\_\_



## Evolution Webquest

In this webquest you will be exploring evolution and the mechanisms that drive evolution. You will use three websites to answer the following questions and complete this packet. Answer the questions on binder paper.

<http://evolution.berkeley.edu/>

<http://www.becchapps.net/interactives/pepperMoths.swf>

<http://science.discovery.com/interactives/literacy/darwin/darwin.html>

First go to <http://evolution.berkeley.edu>

This website is a treasure trove of information about evolution. I encourage you to explore this website on your own time.

A. Click on "Evolution 101," Click on "An Introduction to Evolution"

1. Simply put, biological evolution is descent with modification.

2. What is the central idea of evolution?

The central idea of evolution is that all life on earth shares a common ancestor.

B. Click on "Mechanisms," which is on the side of the page  
Click "Next" on the top right corner

1. Evolution only occurs when there is a change in \_\_\_\_\_ within a \_\_\_\_\_ over time.

2. Which of the two scenarios is an example of evolution and why?

C. Click "Next."

What are the four processes for evolutionary change?

1. Mutation

3. Genetic drift

2. Migration

4. Natural selection

D. Click "Next"

Genetic Variation is key to evolutionary change. What are the three sources of genetic variation?

1. Mutations

2. gene flow

3. sex

# Evolution Webquest Answer Key For Biology

**Rumi Michael Leigh**



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