

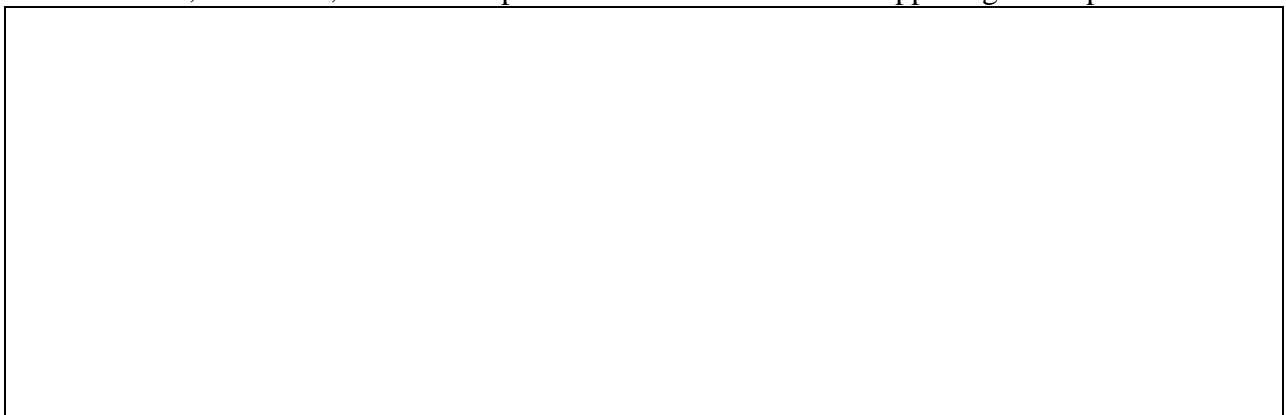
Name _____
Date _____ Per _____

Speciation Worksheet

1. Design a creature. Describe at least 5 unique traits this organism has and draw a picture of a population (a whole bunch!) of these creatures (the traits are up to you! Be creative!)



2. Have your population undergo **isolation** from one of the following events, so that it's separated into 2 groups: by flood, volcanic eruption, mountain formation, earthquake, storm, forest fire, etc. Draw a picture and describe what is happening in the picture.



3. Have your population of organisms go through **adaptation**. Choose a way for the environment to change so that the population undergoes natural selection, and each separated population becomes adapted to their different environment. Describe the change in environment and draw a picture.



4. Now your population of organisms will go through **differentiation**, where the isolated populations become so different that they cannot interbreed anymore. The isolated populations become genetically different from each other. Draw a picture of your different populations and describe how they are different.

