

EVOLUTION REVIEW

Species change over time, and this is called _____. Sometimes humans cause change to happen through _____. They've bred corn to make bigger ears, they've bred horses to run faster, they've bred cows to have more muscle, they've bred strawberries to be bigger, and the list goes on. But usually the changes happen naturally. _____ selection is the process where individuals that have the best _____ survive to reproduce and pass on their traits. There's a few steps to this process. First species produce many offspring, called _____. These many offspring have a lot of _____ -- meaning they are all slightly different from each other. Some offspring may be able to _____ better than others. Because they make it, they are able to reproduce and pass on their _____. You can see this in the example of the cockroach. Over time it has developed a _____ to insecticides. Cockroaches pass on their traits and adapt very quickly because they have very quick _____.

When a long period of time passes species may change so much that they actually become a new species. This is called _____. In order for a new species to develop, first some members of a population must be _____ from the others. After living in a new environment, they will _____ to the new surroundings. If they change so much that they can no longer breed with each other, a new _____ has formed. Scientists feel this is why there is so much diversity on planet _____.

Fill in each box with the proper word or phrase:

Natural Selection
Genetic Variations
Evolution
Adaptations
Genetic Mutations

