

Evolution Review

What is evolution?

What is a variation?

Give two examples of variations.

What is an adaptation?

Give four examples of adaptations.

What is survival of the fittest?

Describe an example of survival of the fittest using people at the North Pole.

What is natural selection?

Who would most likely survive in the arctic, a white rabbit or a brown rabbit? Why?

Name and describe each of the four points of Darwin's Theory of natural selection.

1.

2.

3.

4.

What is a mutation?

Where do mutations occur?

List examples of three different mutations that occur in nature.

Does evolution occur overnight?

A mother dyes her hair blonde and her daughter is born with blonde hair. Is this an example of evolution? Why or why not?

What is a homologous structure?

Are the wings of chickens and the arms of humans homologous? Why or why not?