

Evolution Study Sheet

Preserved remains of ancient organisms are called	
Name two important things Darwin knew before his voyage.	
Humans select from among the naturally occurring genetic variations in a species in the process of	
Any inherited characteristic that increases an organism's chance of survival is a(an)	
Why do populations need to be isolated before they evolve into separate species?	
Why is competition necessary for natural selection?	
What did Darwin say about the ancestors of living things.	
Natural selection leads to an increase in a species'	
Why can populations evolve, but not individuals?	
Changes in the sequence of DNA are called	
The founder effect is a type of	
Which choice shows the correct order in which the evolution of traits occurred?	

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The discipline in which scientists classify and name organisms	
Members of a population share a common group of genes called a	
A pattern of long, stable periods interrupted by brief periods of more rapid evolutionary change is called	
How is evolution defined in genetic terms?	
What is coevolution?	

Effect of Color Mutations on Lizard Survival				
Color	Initial Population	Generation 10	Generation 20	Generation 30
Brown	80%	80%	70%	40%
Red	10%	0%	0%	0%
Black	10%	20%	30%	60%

Figure 1

Referring to Figure 1, describe how the lizard population changed through time.	
Referring to Figure 1, explain how natural selection could cause the lizard population to change in this way.	
Referring to Figure 1, if a few brown lizards were separated from the rest of the lizards by flood and formed an isolated population, the new population would have 100 percent brown lizards. What would you call this type of genetic change?	

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