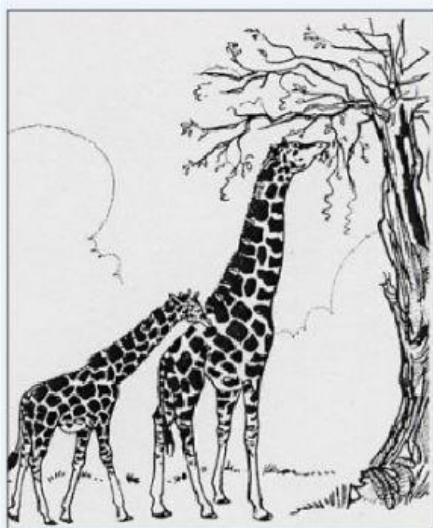


**Online Quiz****Adaptations in Species**

1. What is an adaptation?

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- A.  a mutation that is harmful to an organism
- B.  a trait that is of no benefit to a species
- C.  a trait that helps a species survive in its environment
- D.  a gradual change in an organism's genes

2. Which is true of an individual organism that has a beneficial mutation?

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- A.  it is likely to leave more offspring
- B.  it is likely to leave fewer offspring
- C.  it is likely to leave no offspring
- D.  it is likely to survive but not reproduce

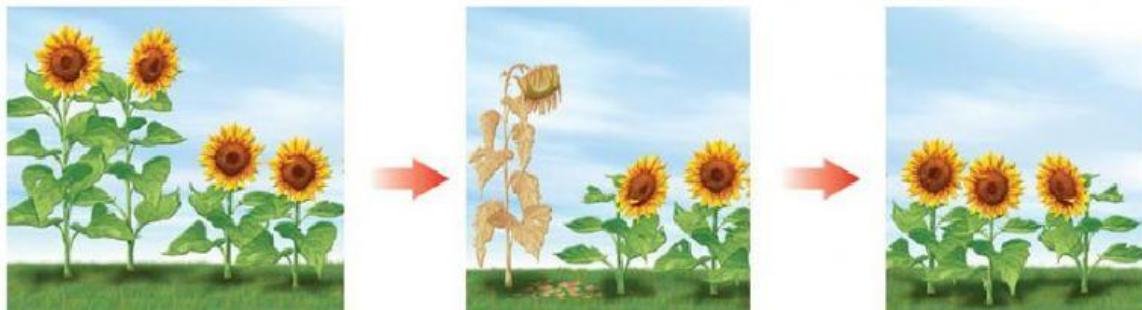
3. When can a mutation lead to an adaptation?

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- A.  when it does not change any trait
- B.  when it changes a trait in a neutral way
- C.  when it changes a trait in a negative way
- D.  when it changes a trait in a beneficial way

4. If a mutation in a sunflower leads to a trait that turns out to be beneficial, which of the following is true?

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A.  the sunflower's offspring inherit the trait but not the mutated genes  
B.  the sunflower's offspring inherit the mutated genes but not the trait  
C.  the sunflower's offspring inherit both the trait and the mutated genes  
D.  the sunflower probably does not leave any offspring

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5. What is mimicry?

[Need a Hint?](#)

A.  an adaptation in which a species blends in with its environment  
B.  an adaptation in which one species looks like another  
C.  the inheritance by offspring of exactly the same traits a parent has  
D.  an organism's ability to keep its internal conditions within certain limits

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**STOP** This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

[Grade the Test](#)

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