



# Ecosystems

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A close, long-term relationship between two different species is called \_\_\_\_\_.
2. In \_\_\_\_\_, both species benefit from the relationship.
3. In commensalism, one species benefits while the other is neither helped nor \_\_\_\_\_.
4. A \_\_\_\_\_ lives on or inside another organism and takes nutrients at the host's expense.
5. Bees pollinating flowers while collecting nectar is an example of \_\_\_\_\_.
6. When two species compete for the same food or space, the interaction is called \_\_\_\_\_.
7. A tick feeding on a deer's blood is an example of \_\_\_\_\_.
8. Small birds that ride on a rhinoceros to eat insects are an example of \_\_\_\_\_.
9. A remora fish attaching to a shark for free transportation without affecting the shark is \_\_\_\_\_.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Clownfish  
living  
safely  
among sea  
anemone  
tentacles

→

\_\_\_\_\_

Commensalism  
– barnacles  
get a surface to  
live on; whale  
is unaffected

Tapeworm  
living  
inside a

→

\_\_\_\_\_

Mutualism –  
clownfish gets  
protection and

## Answer Key · Ecosystems · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. A close, long-term relationship between two different species is called sympiosis.
2. In mutualism, both species benefit from the relationship.
3. In commensalism, one species benefits while the other is neither helped nor harmed.
4. A parasite lives on or inside another organism and takes nutrients at the host's expense.
5. Bees pollinating flowers while collecting nectar is an example of mutualism.
6. When two species compete for the same food or space, the interaction is called competition.
7. A tick feeding on a deer's blood is an example of parasitism.
8. Small birds that ride on a rhinoceros to eat insects are an example of mutualism.
9. A remora fish attaching to a shark for free transportation without affecting the shark is commensalism.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Clownfish living safely among sea anemone tentacles	→	<b>Mutualism — clownfish gets protection and anemone gets food scraps</b> <hr/>	Commensalism — barnacles get a surface to live on; whale is unaffected
Tapeworm living inside a dog's intestines	→	<b>Parasitism — tapeworm absorbs nutrients and the dog loses nourishment</b> <hr/>	Mutualism — clownfish gets protection and anemone gets food scraps