



# 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  
dog's  
intestines

→

\_\_\_\_\_

Mutualism –  
clownfish gets  
protection and  
anemone gets  
food scraps

**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



**Mutualism – clownfish gets protection and anemone gets food scraps**

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

Tapeworm  
living  
inside a  
dog's  
intestines



**Parasitism – tapeworm absorbs nutrients and the dog loses nourishment**

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Mutualism –  
clownfish gets  
protection and  
anemone gets  
food scraps