

Lesson 8.1

Ecological Relationships

Name

Date

Period

Key Terms

Symbiotic

Mutualism

Commensalism

Parasitism

Host



Engage



Record your responses on this page

1. What is this organism?
2. What is it doing?
3. What does it eat?
4. Does its prey, or host as it is called, benefit from this relationship?
5. Give your own example of a relationship that exists between two organisms that live close to one another. Do they both benefit, or does only one benefit from this relationship? Explain.



Explore

1. Read the descriptions of the organism relationships at your table.
2. Record the names of the organisms involved in the relationship.
3. Describe the relationship between the organisms.
4. Use the images and descriptions to group the organisms into 4 different categories based on the characteristics of the relationships.
5. Once you have grouped the organisms, define the characteristics of the four relationships you used to group the organisms.
6. Once you have defined the characteristics of the relationships, match the terms provided to you by your teacher to your definitions.

DATA

Record your findings on the following tables

Relation-ship #	Organisms in Relationship	Description of Relationship	Scientific Term for Relationship (wait for teacher direction)
1			
2			
3			
4			
5			
6			
7			
8			
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10			

11			
12			
13			
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17			
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23			
24			



Explain

Develop a list of characteristics of each of the four major relationships you have discovered.

Relationship Category	What are the characteristics of the four categories you have discovered?	Scientific Term for Relationship Category
I		
II		
III		
IV		

Scientific Term for Relationship	Scientific Term Definition
Mutualism	
Commensalism	
Parasitism	
Predator - Prey	