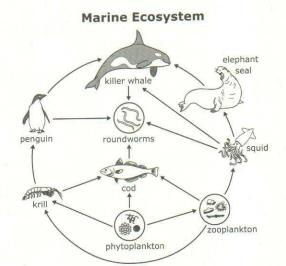
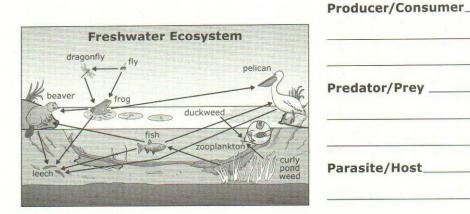
ne		Date			
6	Motiv	ation Station: Scientific	c Fact		
	harm and dise variety of eco	Roundworm parasite species are estimated at over 50,000, but only 15,000 have been identified. Roundworms cause harm and disease to large numbers of animals in a wide variety of ecosystems. The first recorded infections due to roundworm parasites date back to 2700 BC.			
fter this lesso	on I will be able to:				
<b>Describe</b> prowithin marine,	ducer/consumer, predator/prey, and preshwater, and terrestrial ecosystem	parasite/host relationships a ms.	s they occur in food web		
	Descriptive	Investigations			
ivity 1: Rela	tionships Among Organisms				
cosystem cann innecting food	act with one another in ecosystems tenergy in an ecosystem from produce of be described by individual food chackains within an ecosystem. Investig	ers to consumers. Every feed ains. Food webs consist of a late each role, describe its n	ding relationship in an		
yanisms, and	give an example of each type of relat	ionship.			
Organism	Niche	Relationship	Example		
ganisms, and		ionship.			
Organism		Relationship			
Organism Producer		Relationship			
Organism Producer Consumer		Relationship producer/consumer			
Organism  Producer  Consumer  Predator		Relationship producer/consumer			
Organisms, and Organism Producer  Consumer  Predator  Prey		Relationship producer/consumer  predator/prey			
Organisms, and Organisms, and Organisms Producer  Consumer  Predator  Prey  Parasite  Host		Relationship producer/consumer  predator/prey  parasite/host			

# Activity 2: Relationships Within an Ecosystem

Examine and interpret the food webs below to complete the table. Identify three examples for each relationship from the marine, freshwater, and terrestrial ecosystems.

#### **Organism Relationships**

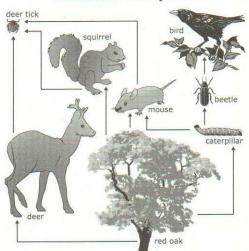




Predator/Prey \_\_\_\_\_

Parasite/Host\_\_\_\_\_

#### **Terrestrial Ecosystem**

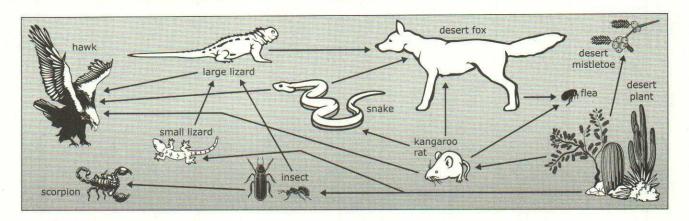


Producer/Consumer_		

Predator/Prey \_\_\_\_\_

Parasite/Host\_\_\_\_\_

## Relationships among Organisms in a Desert Ecosystem



dentify three producer/consumer relationships in the desert ecosystem.		
Identify three predator/prey relationships in the desert ecosystem		
dentify three parasite/host relationships in the desert ecosystem		
Compare and contrast the relationship of desert foxes and snakes with the relationship of kanga and desert plants.	aroo rats	
What is a limitation for the desert ecosystem food web?		

### **Parent Activities**

- 1. Help your child identify each relationship in the desert ecosystem.
- 2. Discuss how organisms obtain energy from the ecosystem.
- 3. Discuss limitations of this model.

