

Ecosystem Connections Activity Worksheet

Please fill in your details	
Name:	Date:
Introduction to Ec	osystems
journey to discover how	stem Explorer Activity Pack! Today, we'll embark on an exciting plants and animals in our local environment depend on each we begin, let's warm up with some thinking questions:
journey to discover how other to survive. Before	plants and animals in our local environment depend on each

Part 1: Who Needs Who?

Draw lines to connect each animal with what it needs to survive. Multiple connections are possible!



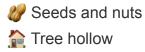
X Bird

Needs:

Tree branches







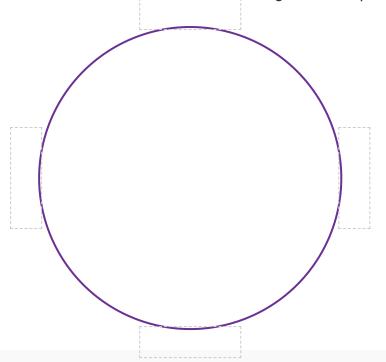
Quick Check

Circle the best answer for each question:

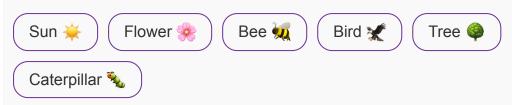
- 1. What do plants need to grow?
 - O a) Sunlight and water
 - \bigcirc b) Pizza and cookies
 - \bigcirc c) Television and games
- 2. Who helps flowers make new flowers?
 - O a) Cars
 - O b) Bees and butterflies
 - O c) Rocks

Part 2: My First Connection Circle

Let's create a connection circle to show how different organisms help each other!



Choose from these organisms:



Remember:

- Draw arrows to show how organisms help each other
- Use different colored arrows for different types of help:
 - Red = Food connection
 - Blue = Home connection
 - Green = Other help

Part 3: Food Web Detective

	Forest Food Web	
 Fox	🐚 Mouse	Seeds
译 Owl	┪ Squirrel	🜿 Plants
	Small Birds	🦠 Insects
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3. Which animal ha	s the most food choices?	

Part 4: Habitat Heroes Every animal needs a special place to live. Match each animal to its perfect home! Animals **Habitats** A. 🜊 Deep water 1. SFrog 2. 🌠 Eagle B. Migh cliffs C. **½** Pond 3. 🍑 Fish 4. 🦱 Ant D. Underground nest 1. ____ 3. ____

4. ____

Part 5: Create Your Own Ecosystem

Design a balanced ecosystem in the space below. Include at least:

2. ____

- 2 producers (plants)
- 2 primary consumers (plant-eaters)
- 1 secondary consumer (meat-eater)
- 1 decomposer

Part 6:	Ecosy	/stem	Problem	Solvina
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Read each scenario and explain how it might affect the ecosystem:

Scenario 1: The Disappearing Bees
Imagine that all the bees in your area suddenly disappeared. How would this affect:
Plants:
Other insects:
Humans:
Scenario 2: New Species Alert!
A new type of plant has been introduced to your area and it's growing very quickly. What might happen?
Positive effects:
Negative effects:

Part 7: Ecosystem Protection Plan
Now that you understand how ecosystems work, create a plan to protect one!
Choose your ecosystem:
□ Forest 🌳 □ Pond 🕵 □ Meadow 🌞 □ Beach 选
My Protection Plan
Three things that could harm my ecosystem:
1.
2.
3.
Three ways to protect my ecosystem:
1.
2.
3.
Reflection Time
Think about what you've learned today and complete these sentences:
The most interesting thing I learned was
One thing I can do to help protect ecosystems is

hink abou	t what you've learned today and complete these sentences:
. The mos	t interesting connection I learned about was
. I was su	prised to discover that
. One que	stion I still have is
Teacher	s Corner
	s Corner g Objectives Achieved:
Learnin	
Learnin	y Objectives Achieved:
Learnin o ☐ Unde ☐ Ident	Objectives Achieved:

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