



### Introduction to Ecosystems

*What is an ecosystem? Draw a picture of your favorite ecosystem.*

## Biodiversity

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What is biodiversity? List 5 examples of different species in an ecosystem.

1.

2.

3.

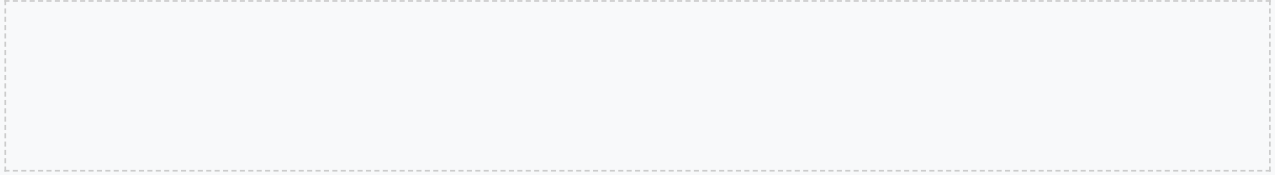
4.

5.

## Human Impacts on the Environment

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*What are some human impacts on the environment? Draw a picture of a human impact on the environment.*



## Conservation Strategies

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*What are some conservation strategies? List 3 ways humans can help conserve biodiversity.*

1.

2.

3.

# Food Chain Diagram

Label the diagram of a food chain, including producers, primary consumers, secondary consumers, and decomposers.

Producers	Primary Consumers	Secondary Consumers	Decomposers
<div></div>	<div></div>	<div></div>	<div></div>

## Short Answer Questions

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*Answer the following questions:*

1. Describe one way in which humans can help conserve biodiversity.

2. What is the importance of bees in an ecosystem?

## Extension Questions

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*Answer the following questions:*

1. Explain how the removal of a species from an ecosystem can affect the entire food chain.

2. Describe a conservation strategy that can help reduce the impact of human activities on the environment.

## Mixed Ability Differentiation

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*Choose the appropriate level of support:*

### **Foundation:**

Word bank for multiple choice questions

### **Core:**

Sentence stems for short answer questions

### **Extension:**

Additional resources for research and diagram creation



## Assessment Criteria

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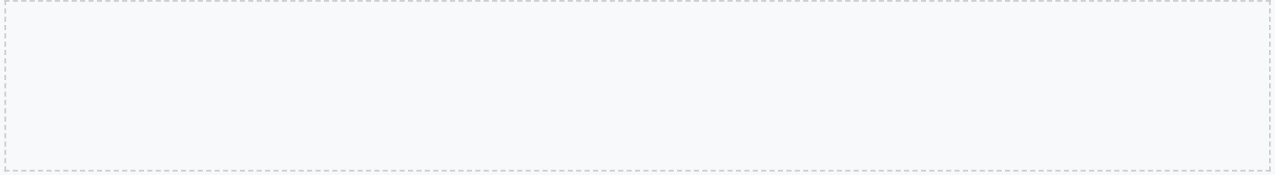
*Students will be assessed on the following criteria:*

1. Define biodiversity and explain its importance in ecosystems.
2. Identify human impacts on the environment and conservation strategies.
3. Describe the interdependence of living organisms in an ecosystem.

## Conclusion

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*What did you learn about ecosystems and environmental conservation? Draw a picture of what you can do to help conserve biodiversity.*

A large, empty rectangular box with a dashed border, intended for a student to draw a picture of ways to conserve biodiversity.

