

# Relationships and Interactions

Real World Ecosystems  
Learner Worksheet  
Grade Level: 5-8



Name:

- Sort your cards into two groups: producers and consumers. Record the common name of 5 species for your producers and for consumers in the chart below. If you are unable to fill the chart, ask your educator if you may trade in some cards.

Producers	Consumers

- Now take the species cards that were sorted into the consumers pile in the first question and sort the cards into smaller groups using the classifications or herbivore, carnivore, and omnivore. Write the common names on the chart on the next page.

Herbivore	Carnivore	Omnivore

**3. Build a food pyramid using some or all of your cards. Find 3 or 4 species for each level (tertiary consumers, secondary consumers, primary consumers and producers) and record the common name below.**

**Tertiary Consumer**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

**Secondary Consumer**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 4. \_\_\_\_\_

**Primary Consumer**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

## Producers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**4. Use the background information and the cards to find examples of the different types of symbiotic relationships.**

**An important characteristic of mutualism is:**

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**An example of mutualism is:**

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**An important characteristic of commensalistic organisms is:**

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**An example of commensalistic organisms is:**

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**An important characteristic of parasitism is:**

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**An example of parasitism is:**

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**5. Explain the difference between predation and parasitism.**

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**6. Explain the difference between scavengers and decomposers.**

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**7. What classification would humans have in terms of our role in an ecosystem?  
(producer, herbivore, carnivore, omnivore, decomposer)**

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