

Life Science 7  
(Copy the following lab activity set up in your science notebook.)

**Title:** Activity 5 Interactions in Communities

**Challenge Question:** How do organisms interact?

**Background:**

Predators and prey have adaptations or physical characteristics that help them survive.

**Vocabulary:**

Term	Definition	Picture or Example
predator		
prey		
symbiosis		
mutualism		
commensalism		
parasitism		
competition		

**Materials:**

*Ecology and the Environment* book

**Procedures:**

1. Read pages 42 - 49 in the *Ecology and the Environment* book.
2. Answer questions 1 - 3, 5, 6, 8 - 11, and 13 - 14 from the reading.
3. Do Lesson Review on page 51, questions 1 - 10.
4. Create definitions for the Vocabulary. Answer Analysis Questions.
5. Write Conclusion.

**Data/Results:**

*(Write your responses to the book questions and Lesson Review here.)*

**Analysis Question:**

1. How can an animal be both a predator and prey? Explain.
2. Identify some adaptations that animals have made to help them survive in their role as predators or prey.

**Conclusion:** How do organisms interact? Use data, evidence and examples from your experiment to support your answer.

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