**Ch. 19 Ecosystem Energy and Matter**

**Key Terms and Questions**

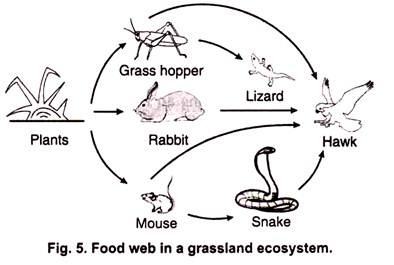
Essential Question: How does energy and matter move through an ecosystem?

**Key Terms**

1. Producer
2. Herbivore
3. Carnivore
4. Omnivore
5. Scavenger
6. Decomposer
7. Consumer
8. Primary consumer
9. Secondary consumer
10. Tertiary consumer
11. Food chain
12. Food web
13. Energy pyramid

**Key Questions**

1. What does a producer do in an ecosystem?
2. What does a consumer do in an ecosystem?
3. What does a decomposer do in an ecosystem?
4. How does energy move through an ecosystem?
5. In what direction does energy flow in an ecosystem?
6. Look at the diagram below.



What is the producer?

Name 1 primary consumer?

Name 1 secondary consumer?

Name 1 tertiary consumer?

1. Which level of a food web has the greatest number of organisms?
2. Which level of a food web has the least number of organisms?
3. Which level of a food web has the most energy?
4. How much energy moves to the next level of a food web?