Food Chains and Ecosystems
Science Worksheet

Name: _____ **Date:** _____

Instructions: Read each question carefully and answer using the information from the PowerPoint presentation.

Part 1: Fill in the blanks

Complete the sentences with the correct words.

1. Every food chain starts with energy from the _____.
2. Plants are called _____ because they make their own food.
3. Animals get energy by eating plants or other _____.
4. A food chain shows who _____ whom in an ecosystem.
5. _____ break down dead plants and animals and return nutrients to the soil.

Part 2: Multiple choice

Circle the correct answer.

6. What do plants need to make their own food?
   a) Moonlight, rocks, and air
   b) Sunlight, water, and nutrients from the soil
   c) Animals and insects
   d) Soil and meat
7. Which animal eats the grasshopper in the meadow food chain?
   a) Snake b) Frog c) Butterfly d) Worm
8. What is the main role of predators?
   a) To make their own food
   b) To return nutrients to the soil
   c) To keep animal populations balanced
   d) To produce sunlight

Part 3: Short-answer questions

Answer in complete sentences.

9. What is a food chain?
   _____
   _____
10. Why are plants called producers?
    _____
    _____
11. What happens to nutrients when decomposers break down dead plants and animals?
    _____
    _____
12. Why are arrows important in a food chain?
    _____
    _____

Part 4: Matching

Match the words in Column A with their correct meanings in Column B.

Column A		Column B
13. Producers	•	A. Animals that eat plants or other animals
14. Consumers	•	B. Organisms that break down dead material
15. Decomposers	•	C. Organisms that make their own food
16. Predators	•	D. Show the direction of energy flow
17. Arrows	•	E. Animals that hunt and eat other animals

