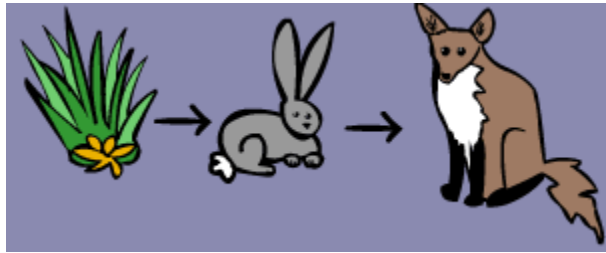


Food Chains, Food Webs, and Energy Pyramid Worksheet

1. Using the following food chain, to answer questions a-c below.

Grass → Rabbit → Fox



- a. What type of organism is the grass? _____
- b. Which animal is a herbivore or primary consumer? _____
- c. What would happen to the population of rabbits, if the population of foxes increased (got bigger)?
Why?

2. Construct a food chain. Label the producer, primary consumer, secondary consumer, and tertiary consumer.

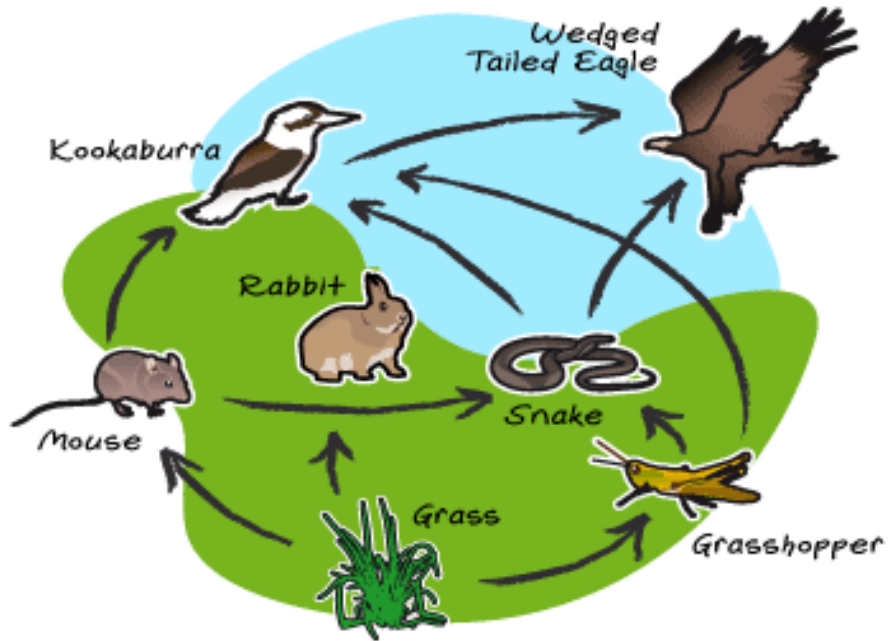
An owl eats a snake, the snake eats a squirrel, the squirrel ate a nut.

3. Using the food chain from question 2, construct an energy pyramid.

- a. Which animal in the energy pyramid you created has the most amount of available energy?

- b. Which animal in the energy pyramid you created has the least amount of available energy?

4. Use the food web below to answer questions a-f below.



a. What is the producer? _____

b. What are the primary consumers?

c. What are the secondary consumers? _____

d. What are the tertiary consumers?

e. What is the top predator? _____

f. Construct one food chain that you see on the food web.

5. Using your food chain above, construct an energy pyramid.

Energy Flow Through the Ecosystem Vocabulary

Word	Description/Definition	Example/Picture
Producer		
Consumer		
Herbivore		
Omnivore		
Carnivore		
Decomposer		
Food Chain		
Trophic Level		
Food Web		
Energy Pyramid		