

Create a Food Web

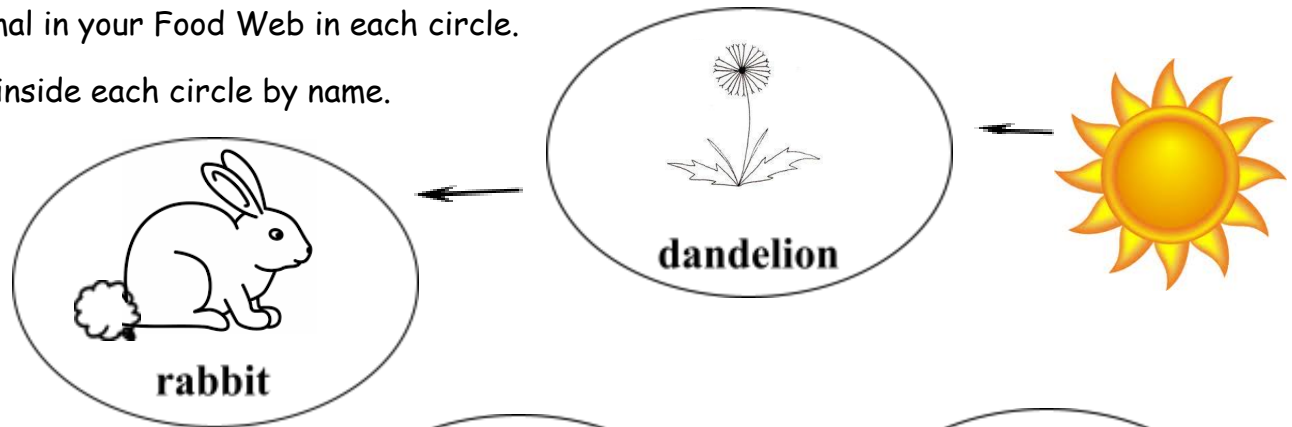
Name: _____ Date: _____

Explore your habitat lab, and then create a Food Web that includes plant(s) and animal(s) that you found (or could find) in your habitat lab. Use the Example Food Web Components chart (on page 3) and the diet information on the Alabama Wildlife Federation's Dig into Plants and Wonders of Wildlife webpages to help you complete your Food Web.

1. Draw a picture of each plant and animal in your Food Web in each circle.

2. Identify the plant or animal species inside each circle by name.

- Draw arrows **from** the plant or animal that is eaten **to** the animal(s) that might eat it to show the flow of energy from the sun through the producer(s), consumer(s), and apex predator(s) to the decomposer(s).



Use the diagram of **your Food Web** (on page 1) to answer the following questions.

4. List the producer(s) in your food web: _____

5. List the consumer(s) in your food web: _____

6. List the apex predator(s) in your food web: _____

7. List the decomposer(s) in your food web: _____

8. What would happen if all of the plants in the habitat lab disappeared? _____

9. What would happen if all of the apex predators in the habitat lab disappeared? _____

10. What role do decomposers play in an ecosystem's food web? _____

11. Where does ALL of the energy that moves through the food webs in ALL ecosystems originate? _____

12. What does your food web diagram for your habitat lab (on page 1) represent? _____

EXAMPLE FOOD WEB COMPONENTS

(A component is one part or element of the larger whole.)

Plants (Producers)	Herbivores (Primary Consumers)	Omnivores (Secondary/Tertiary Consumers)	Carnivores (Secondary/Tertiary Consumers)	Detritivores & Fungus (Decomposers)
Grasses	Armyworms	Ants	Spiders	Mushrooms
Wildflowers	Caterpillars	Wasps	Fleas	Worms
Herbs	Butterflies	Lady Bugs	Ticks	Spiders
Shrubs	Bees	Crickets	Bats	Ants
Trees	Moths	Mosquitos	Snakes	Flies
Nuts	Grasshoppers	Songbirds	*Alligators	Beetles
Berries	Treehoppers	Squirrels & Chipmunks	*Some Fish	Millipedes
Acorns	Leafhoppers	Opossums	*Owls	Pill Bugs/Roly Polies
Pinecones	Katydid	Racoons	*Bobcats	Cockroaches
Seeds	Deer	Skunks	*Hawks	Snails
Fruits	Beavers	Frogs & Toads		Slugs
Aquatic plants	Rabbits	Salamanders		
Algae	Some Fish	Turtles		
		Lizards		
		*Foxes (Red and Gray)		
		*Coyotes		
		*Black Bears		*Apex Predators