



Food Webs & Chains: Food Chain Game

Materials:

- Food chain cards
- A game leader

Directions:

1. To prep the cards provided, only cut along the dotted lines.
2. Have players grab a card from the deck.
 - a. Give players time to check what their organism is and where it gets their energy from.
3. Ask players to find someone with a card that has a card that is their energy source, and stay near them.
 - a. If their energy source is the sun, they can stay where they are- no need to move!
 - b. If their source is a dead animal, then they will need to wait to see who survives!
4. After everyone has tried to find an energy source:
 - a. Discuss if any organisms did not survive, and why.
 - b. Discuss which animals benefit from dead organisms.
 - c. Discuss any food chains that have developed.
 - d. Discuss how much energy an organism may have to use to find a food source.
 - e. Try removing some organisms from the deck, and playing again! How has this affected the food chains?



CORN PLANT

Energy Source:

Sun



MOUSE

Energy Source:

Corn
Sunflower
Berries
Bark
Grasshoppers
Beetles



BARN OWL

Energy Source:

Mice
Shrews
Moles
Voles
Groundhog



GRASS

Energy Source:

Sun



SHREW

Energy Source:

Grasshoppers
Corn
Sunflower
Berries
Roots
Snails



GARTER SNAKE

Energy Source:

Shrew
Mice
Mole
Insects
Earthworm



SUNFLOWER

Energy Source:

Sun



SPARROW

Energy Source:

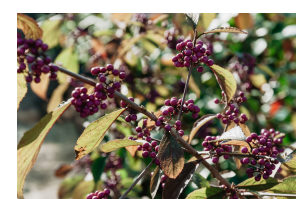
Sunflower
Berries
Beetles
Grasshopper
Earthworm



CAT

Energy Source:

Birds
Mice
Shrew
Mole
Rabbit
Fish



BERRY

Energy Source:

Sun



EARTHWORM

Energy Source:

Berries
Sunflower
Grass
Dead Roots
Dead Leaves



MOLE

Energy Source:

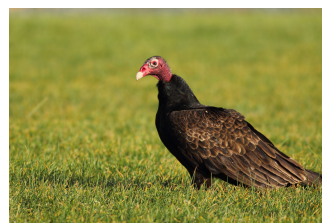
Earthworms
Grubs
Bulbs (roots of plants)



WEASEL

Energy Source:

Mole
Shrew
Mouse
Rabbit



VULTURE

Energy Source:

Dead Weasel
Dead Rabbit
Dead Cat
Dead Groundhog
Dead Fox
Dead Animals



LETTUCE

Energy Source:

Sun



RABBIT

Energy Source:

Lettuce
Grass
Flower Leaves
Bark & Twigs



BEETLE

Energy Source:

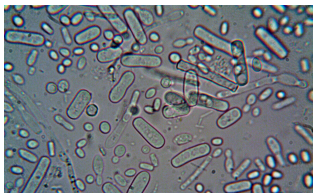
Leaves
Flowers



SKUNK

Energy Source:

Beetles
Grubs
Berries
Mice
Lettuce



BACTERIA

Energy Source:

Dead Animals
Dead Plants
Dead Insects



HONEYSUCKLE

Energy Source:

Sun



DEER

Energy Source:

Honeysuckle
Grass
Corn
Berries
Lettuce



COYOTE

Energy Source:

Deer
Rabbits
Mice
Garter Snakes
Fox
Groundhog



GRASSHOPPER

Energy Source:

Grass



WILDFLOWER

Energy Source:

Sun



GRUBS

Energy Source:

Grass Roots
Flower Roots



GRONDHOG

Energy Source:

Grubs
Grass
Berries
Lettuce
Grasshopper



FOX

Energy Source:

Rabbits
Mice
Moles
Berries
Bird Eggs



GRASS

Energy Source:

Sun



MOUSE

Energy Source:

Corn
Sunflower
Berries
Bark
Grasshoppers
Beetles



GRUBS

Energy Source:

Grass Roots
Flower Roots