

Demonstration school of Suan Sunandha Rajabhat University



Energy flow in the



Environment

01



Food chain

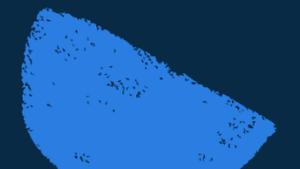
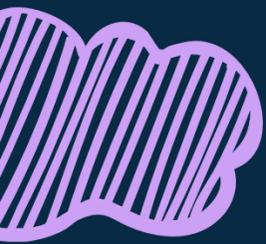


What Is A Food Chain? | The Dr. Binocs Show | Educational Videos For Kids

Copy link

FOOD CHAIN

Watch on YouTube





SUN LIGHT IS A SOURCE OF LIGHT ENERGY AND HEAT ENERGY.



Plants use light energy to make food during photosynthesis.

THIS FOOD IS THEN USED AS ENERGY BY OTHER LIVING THINGS.



So, energy moves from one living thing to another as a chain.

WE CALL THIS CHAIN A **FOOD CHAIN.**



All living things need energy to live, a community of living things is linked to each other as source of food to share the energy.



Food chain

A food chain starts from ...

Plants that get light energy from the sun and use it to make their food.

They keep this food as starch in different parts of their body.

Plants are ...

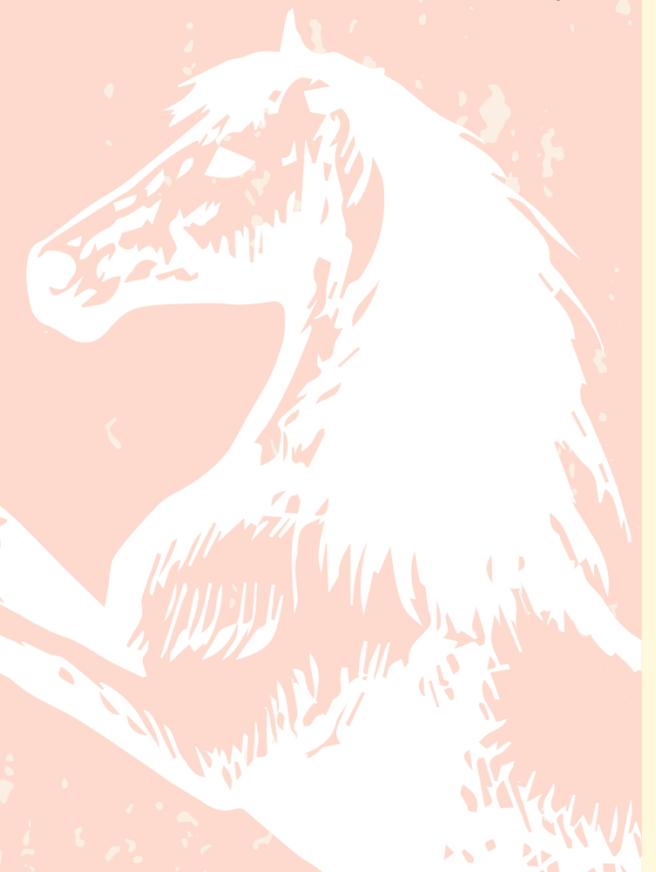
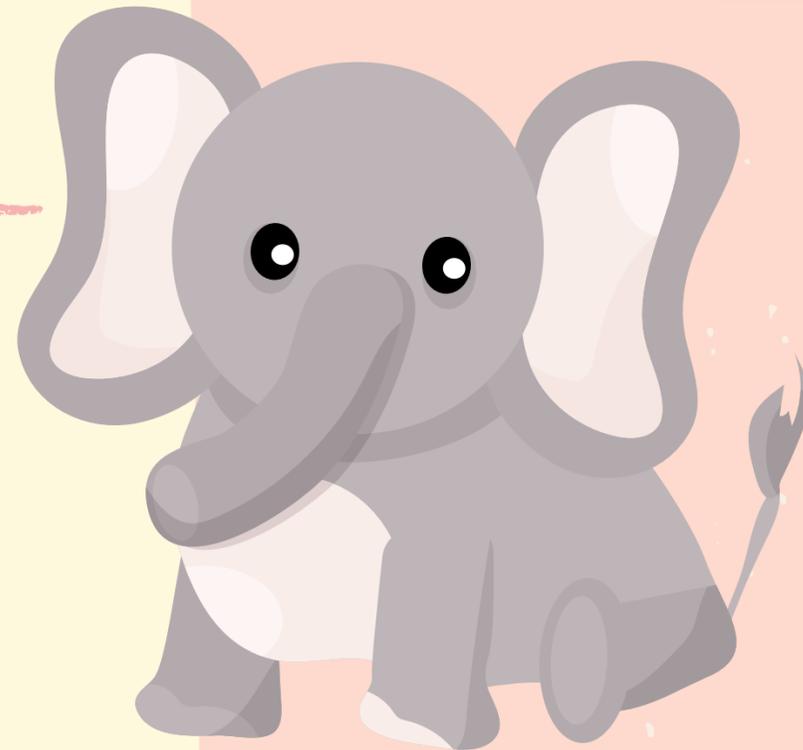
Producers



Food chain.

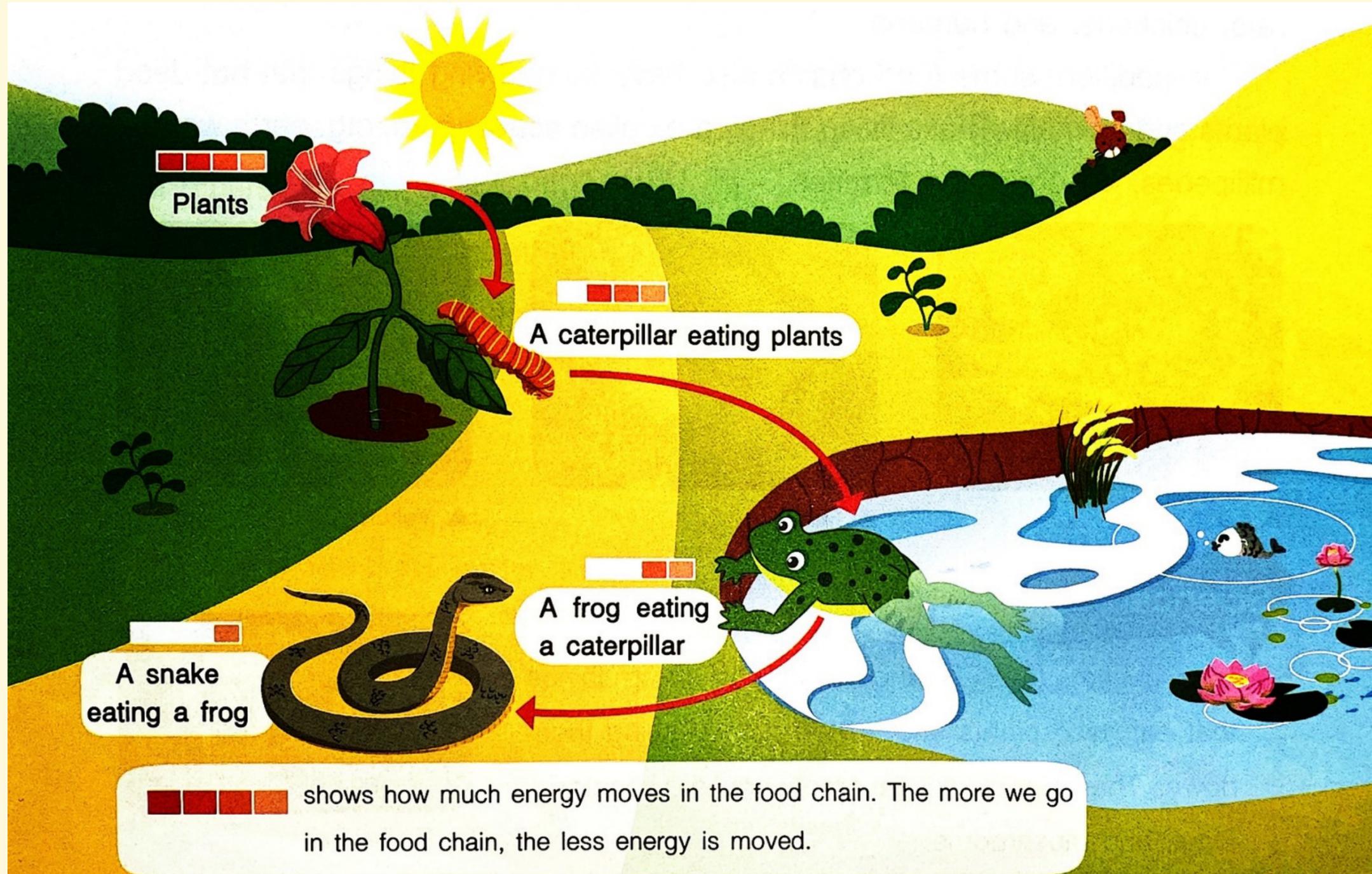
Animals cannot make their own food,

So they have to eat plants or other animals to get energy for their living.



Animals are ... **Consumers**





Let's Try This!

Complete the food chain and the two sentences below with the given words.

Rabbit

Falcon

Caterpillar

Bee

Goldfish

Lion

Snake

Grass

Grass eaten by a → a eaten by → a eaten
by a

1. The can make its own food.
2. The,, and eat other living things as food..

Producers

eee

Are the living things that
make their own food
through photosynthesis and
keep it as **STARCH**



They are

eee

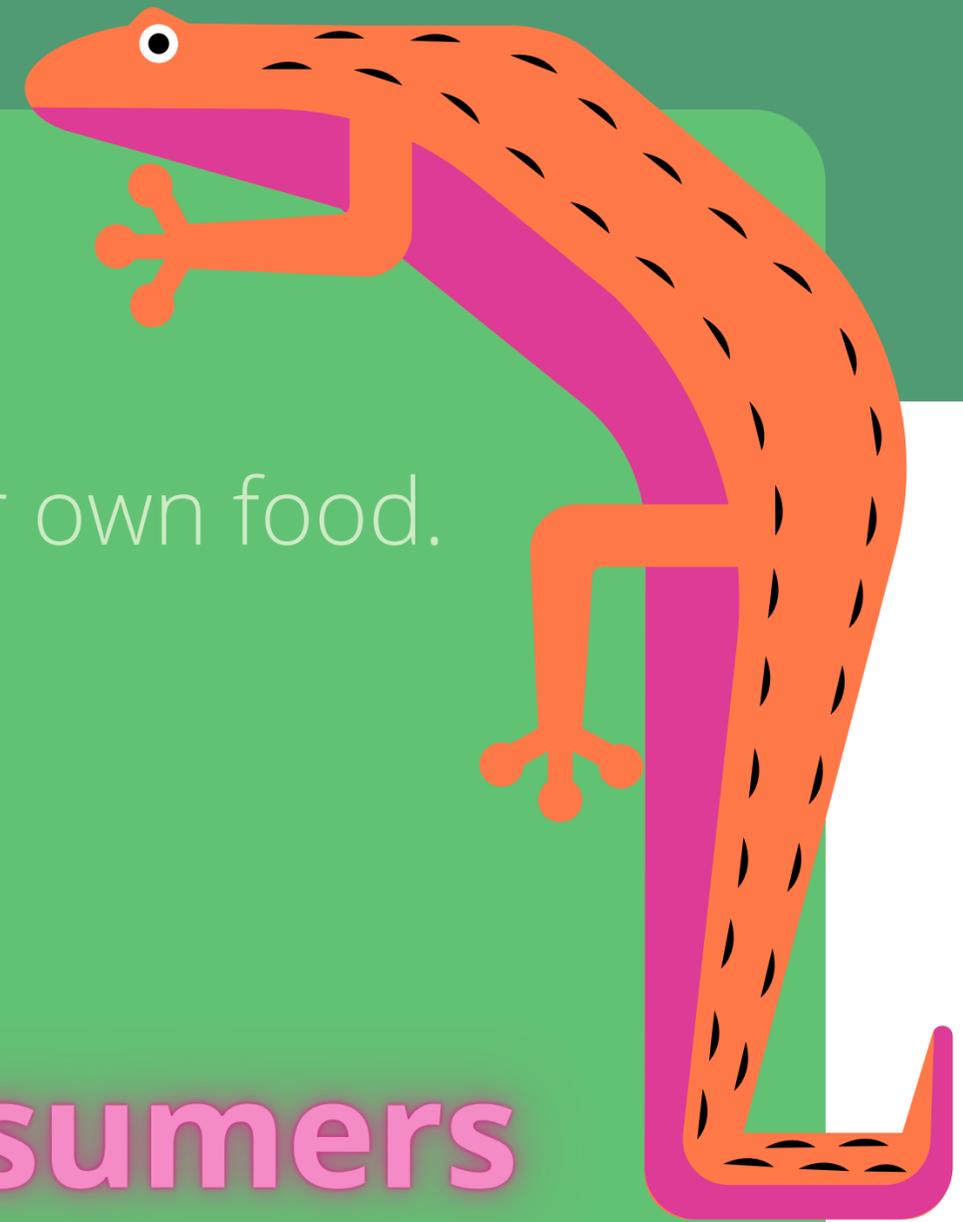
- Plant
- Algae

Consumers



are the living things that do not make their own food.
They live by eating other living things.

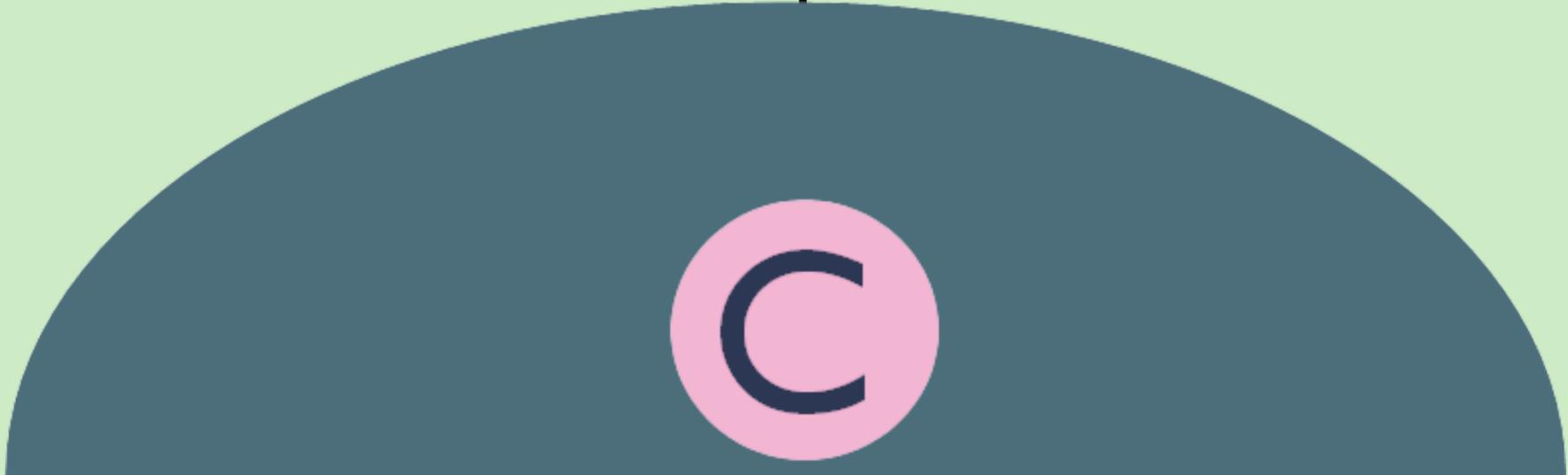
There are 3 kinds of consumers



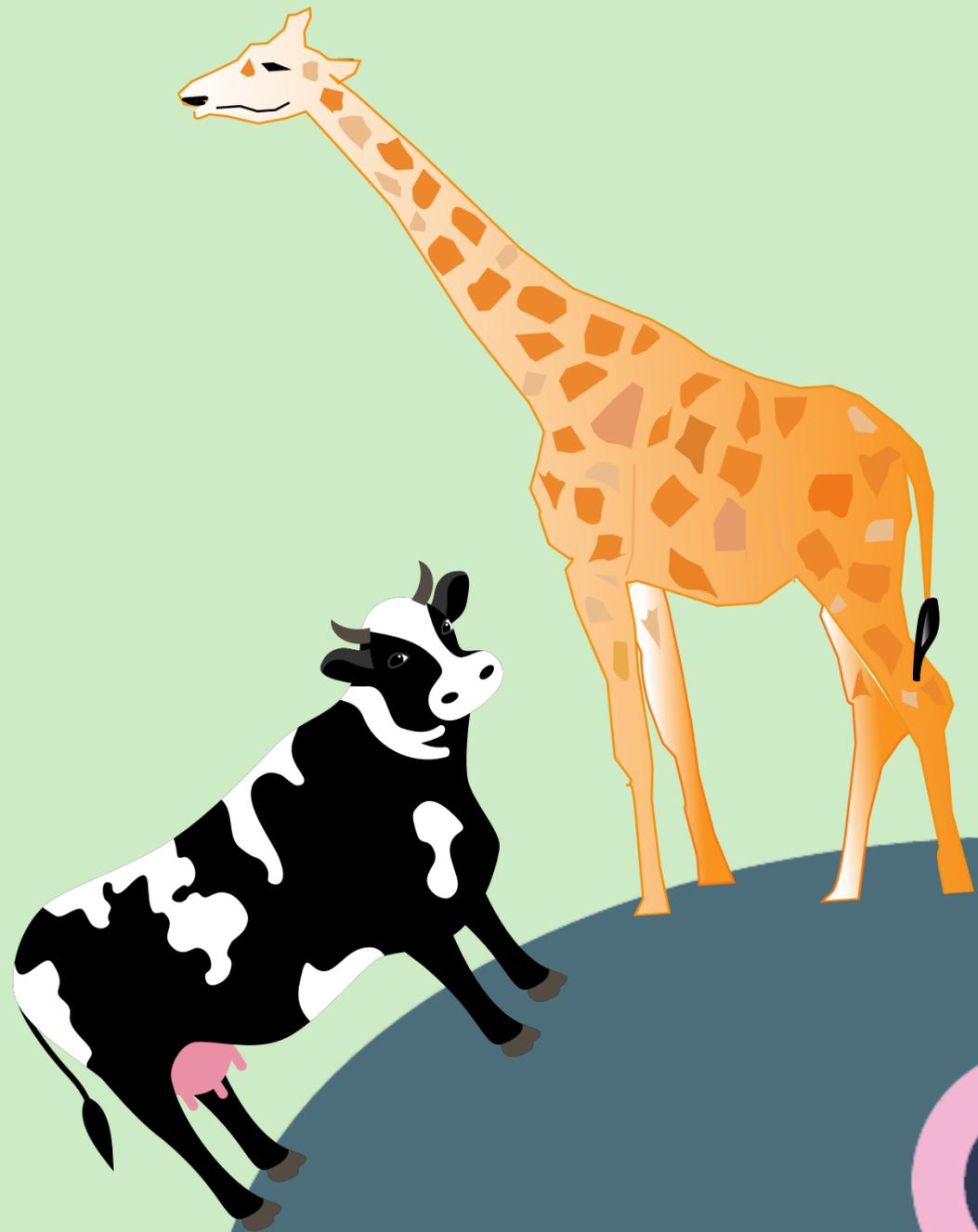
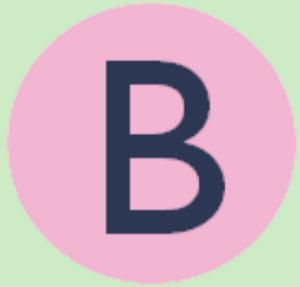
We can group, or classify, animals based on the type of food they eat.

A

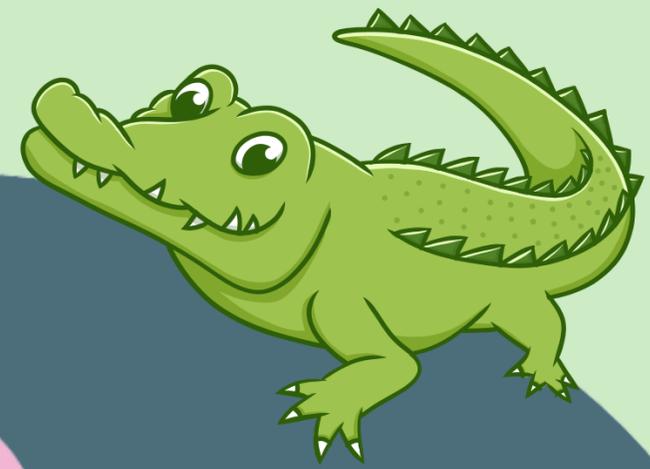
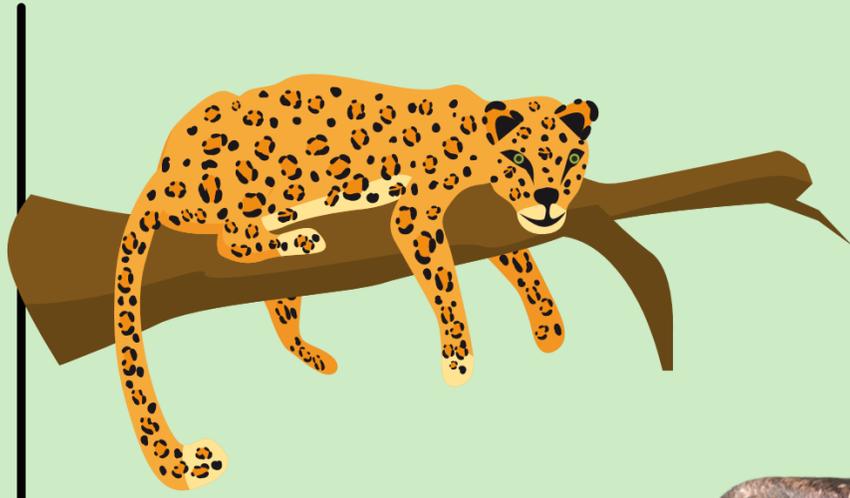
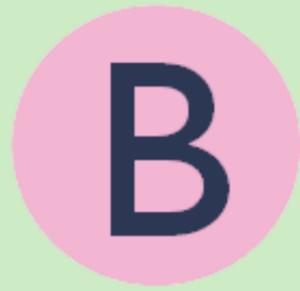
B



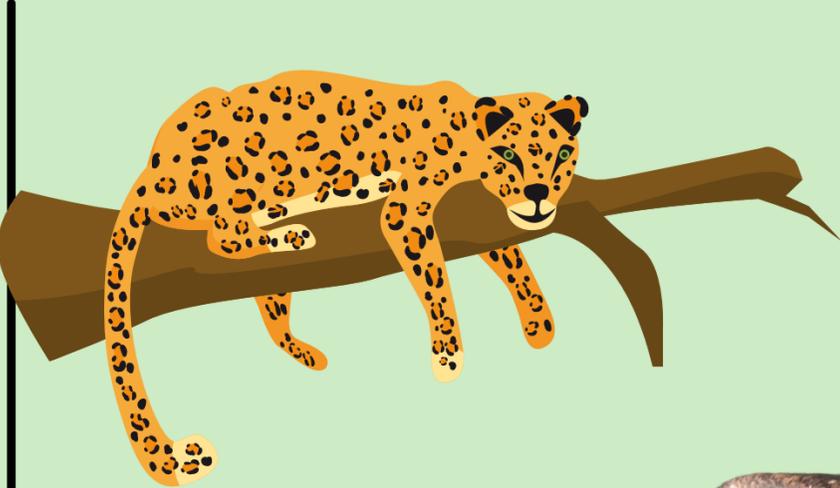
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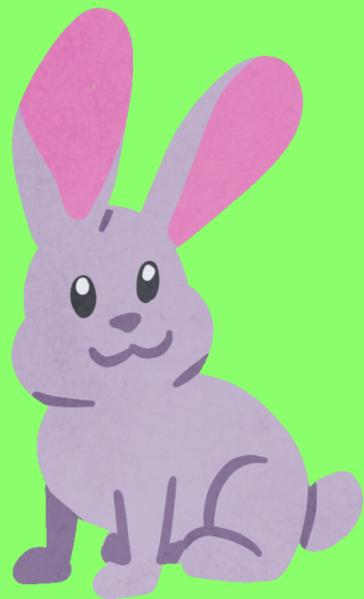
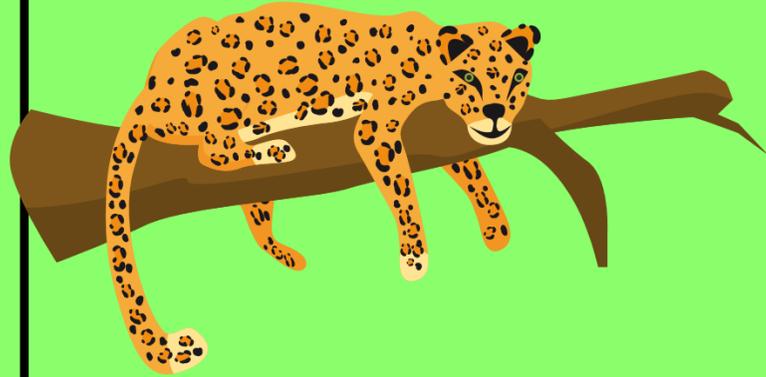


We can group, or classify, animals based on the type of food they eat.

B



Animals that eat plants.

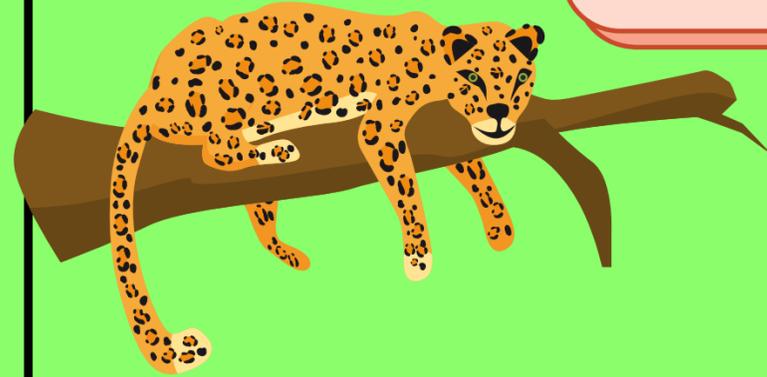


We can group, or classify, animals based on the type of food they eat.

B



Animals that eat plants.



Animals that eat other animals.



We can group, or classify, animals based on the type of food they eat.

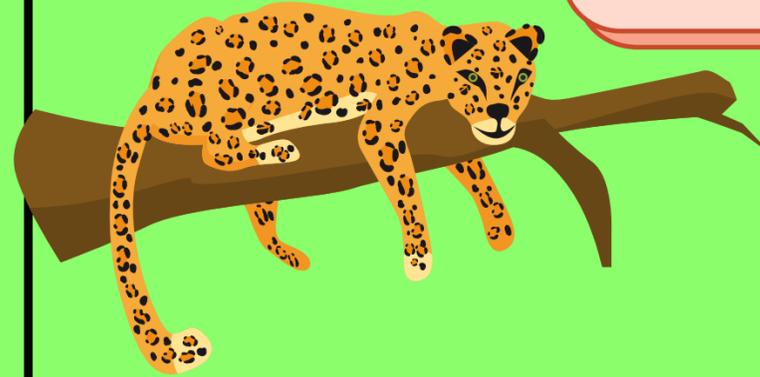
B



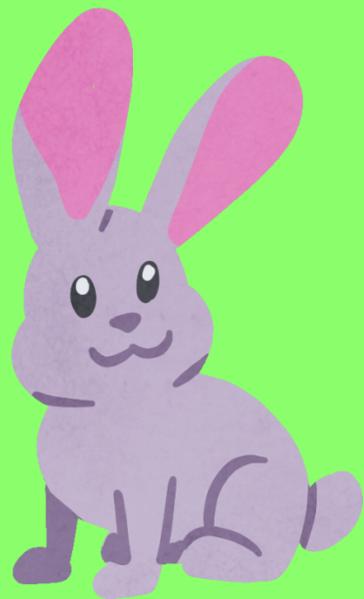
Animals that eat plants.



Animals that eat other animals.



Animals that eat both plant
and other animals.

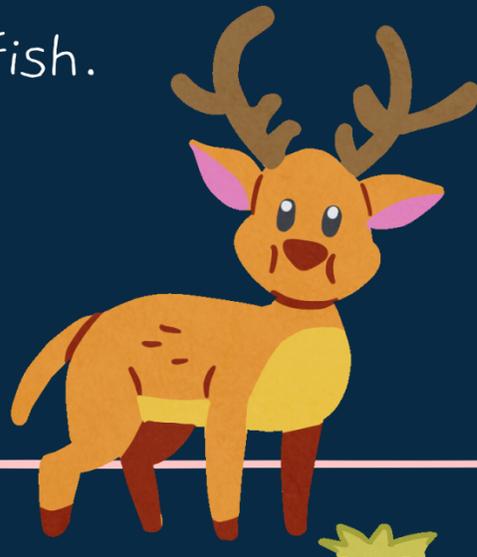


Consumers



HERBIVORES

are animals that eat plants only,
e.g. elephants, horses, cattle,
caterpillars, rabbits and small
fish.



OMNIVORES

are animals that eat both plants
and other animals,
e.g. dogs, cats, turtles, monkeys,
rats, chickens and humans.



CARNIVORES

are animals that eat other
animals only,
e.g. frogs, snakes, lions, tigers,
crocodiles, falcon and foxes.

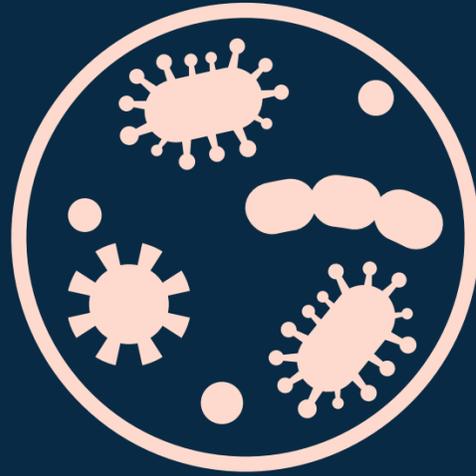




Scavengers

Are animals that eat
dead plants and
animals.



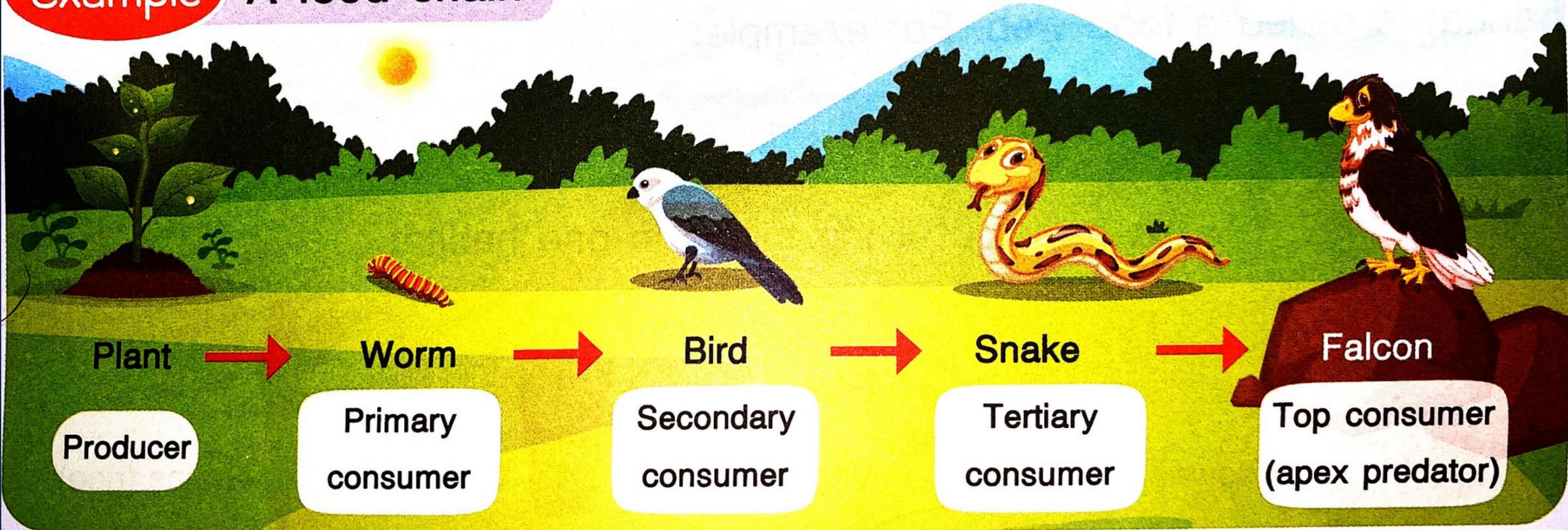


Decomposers

There is another kind of living things that eat dead plants and animals by breaking them down.



Example A food chain



The Food chain game

the food chain game



Instructions: Drag the parts of the food chain to their correct place.

(If you drag something incorrectly, it won't stay there).



Visit the **food chain pages to get ready or if you need help!**



When the chain is complete, it will come to life and you can watch the food chain in action!

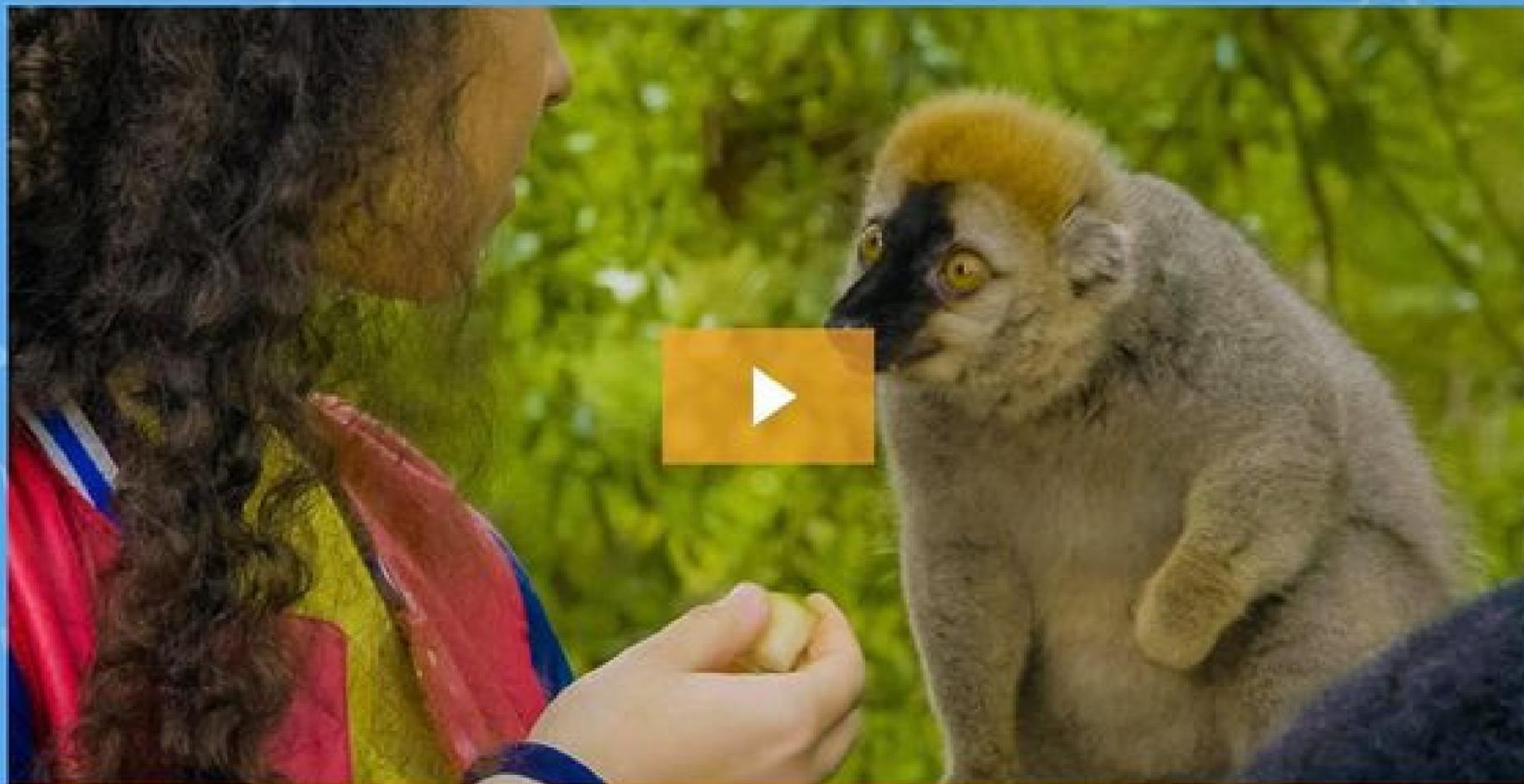


Play the game!

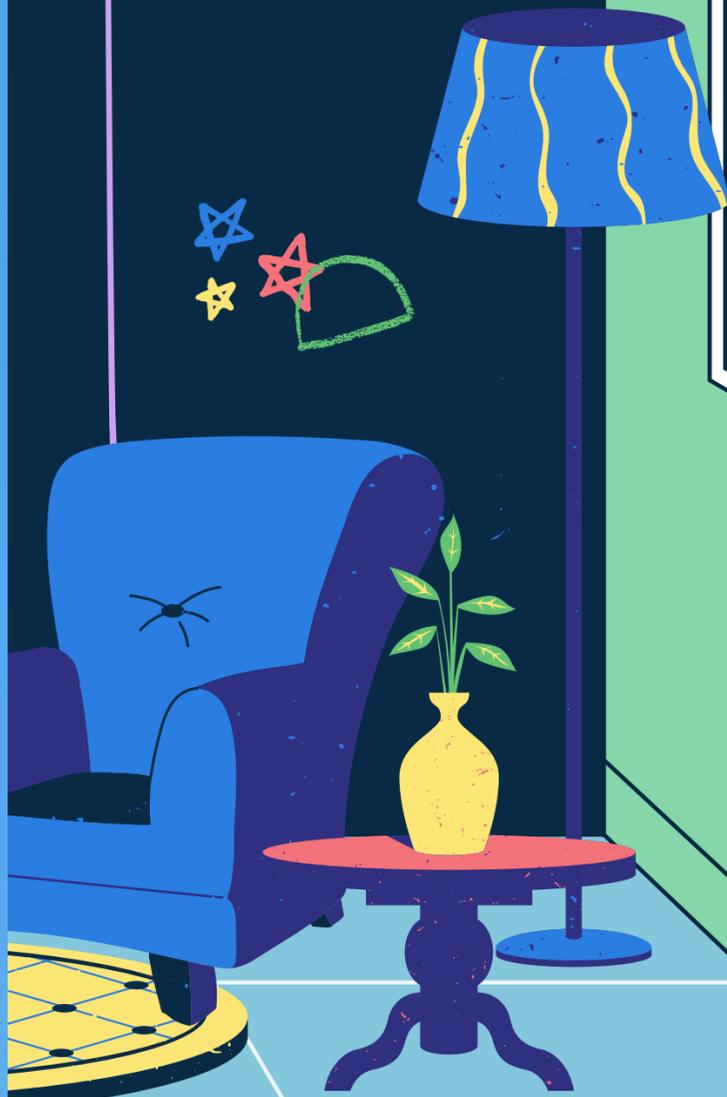
<https://www.sheppardsoftware.com/science/animals/games/food-chain/>



GENERATIONGENIUS
ALWAYS QUESTION ALWAYS WONDER



11:46





Food web

In nature, food chains are big and have many parts.

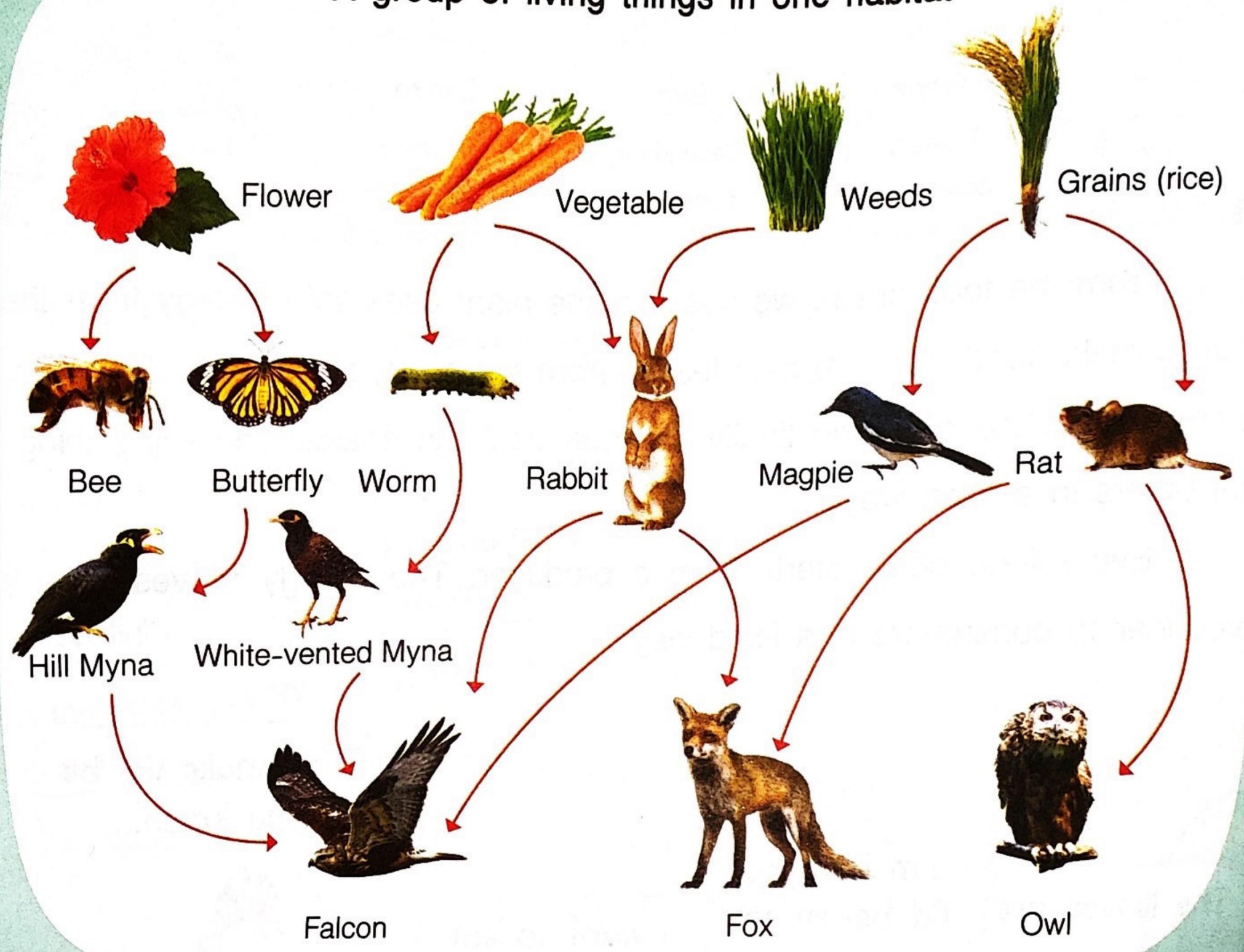
One producer is food for many kinds of consumers. Some consumers eat many kinds of food. So, when we draw the food chains,

it will be big and mixed with many plants and animals.

A big and mixed food chain with every plant and animal from a habitat is called a food web.



A group of living things in one habitat



Groups Activity 5/2



GROUP "A"



GROUP "B"



GROUP "C"



GROUP "D"



GROUP "E"



GROUP "F"



GROUP "G"