



AAAS

G4-Math

Term2

Week 2

Science

Food Chain and Food Web

Grade 4





Starter Activity



Food Chains and Food Webs



<https://quizizz.com/join/game/U2FsdGVkX1%252BfO0uVw1UXyER2HuakCHgKCvHA8ZpsTM0TDKwv3VuwZxW2bltE5BFI?gameType=solo>



Food Chains and Food Webs



Learning Objectives: I will learn about the food chain and the food web.

Success Criteria: Students will understand successfully the differences between the Food web and the Food chain.

Food Chain

What is a Food Chain?

- ⊗ A food chain is the path by which energy passes from one living thing to another.



Food Chain

* https://m.youtube.com/watch?list=PLLn46pSj6Z6GvJfJeoLKBk9e2uEbbUc_z&v=YuO4WB4SwCg

Different types of food chain



Food chain consists of many different organisms:

1. **Producers** such as; **Plants** which are organisms that produce their own food by themselves in a process called photosynthesis.
2. **Consumers** are organisms that eat other organisms. Such as; animals and human beings.
3. **Decomposers** are organisms live on dead plants or dead animals.

The energy for most food chains begins with energy from the sun which helps the plant to produce or make their own food to be the main source of the other organisms.



Producers

Producers

- ⊗ **Producers make their own food**
- ⊗ **Green plants use energy from the sun to make food**
- ⊗ **Producers are on the bottom of the food chain**



Consumers

Consumers

- ⊗ **Consumers hunt, gather, and store food because they cannot make their own.**



Three Types of Consumers

☼ Herbivores

☼ Carnivores

☼ Omnivores

<https://quizizz.com/join/quiz/5ff4305cc0d8b8001bea271c/start>

Consumers eat other living things

They can be placed into groups according to the kind of food they eat.

1- **Herbivore** is a consumer that eat only plants.

Such as; a deer, zebra, a giraffe, a cow



Herbivores

⊗ **Animals who eat plants
such as:**

- grasshoppers**
- rabbits**
- squirrels**
- deer**
- pandas**



Consumers eat other living things.

★ Carnivore :

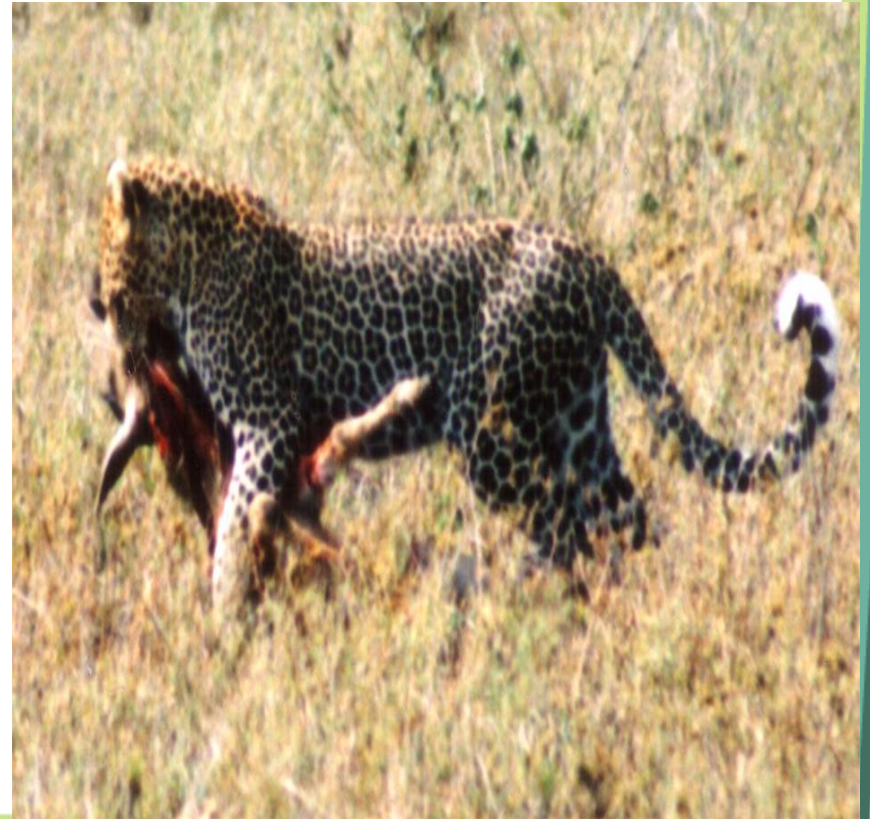
A consumer that eats other animals.

Such as:

A lion

A tiger

A crocodile



Carnivores

☉ Animals who only eat other animals such as:

- tigers
- lions
- hawks
- wolves
- cougars



Consumers eat other living things.

★ Omnivore

A consumer that eats both plants and animals.

People are omnivores they eat plants such as tomatoes and animals such as fish.



Omnivores

⊗ **Animals who eat both plants and animals such as:**

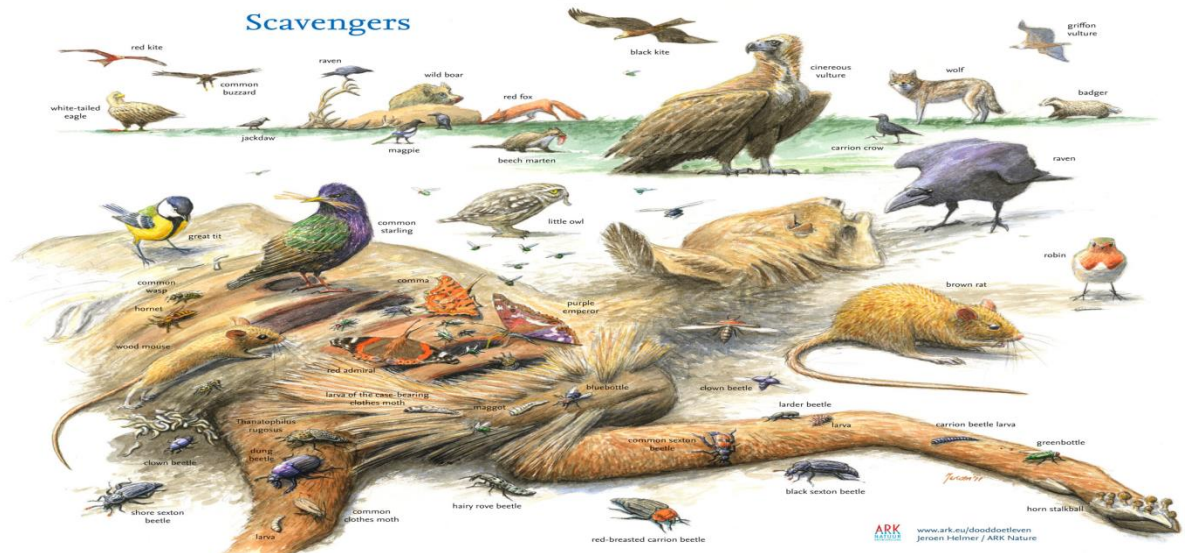
- humans
- bears



Decomposers eat dead things.

Scavengers

A consumer that eats dead animals or dead plants such as; vultures and earthworm.

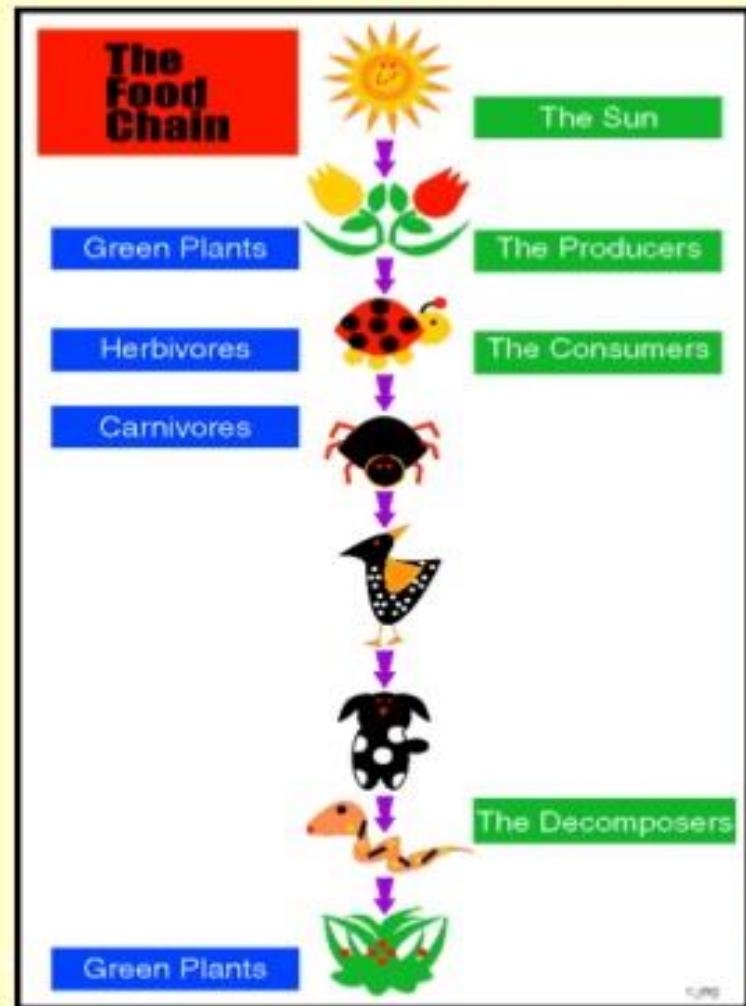


Decomposers

- ⊗ **Microorganisms that are able to break down large molecules into smaller parts**
- ⊗ **Decomposers return the nutrients that are in a living thing to the soil**

Let's Look at a Food Chain

- ❶ A food chain is a simplified way to look at the energy that passes from producers to consumers.



Predator and Prey

Predator & Prey

- ⊗ **Predator- An animal that captures and eats other animals**
- ⊗ **Prey- The animal that is captured and eaten**

Food web

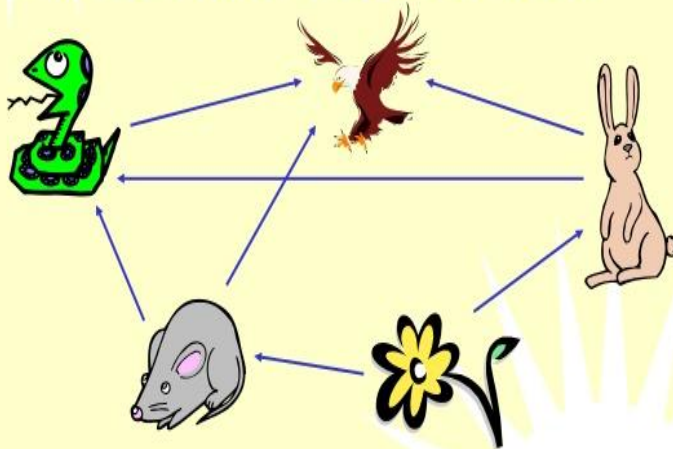
What is a Food Web?

- ⊗ **A more realistic way of looking at the relationship of plants and animals in an environment**
- ⊗ **Several food chains linked together**
- ⊗ **A predator from one food chain may be linked to the prey of another food chain**

Food web

Food Webs

⊗ How many food chains can you make from this food web?



Plenary

Match each consumer with its food.



Thank You



Your logo