

**SANSKAR SCHOOL**

**GRADE-IV**

**Assignment 29**

**Date: Thursday, 23<sup>th</sup> July 2020**

**ENGLISH:**

Read the story: The visit to the Mansion and write the glossary (given in the story) in your notebook.


**MATHS:**

**Factors:** Click on given link to watch the video.

[https://youtu.be/sv1GX0Qf\\_E0](https://youtu.be/sv1GX0Qf_E0)

**Ex 5.2 Q2 (in book) Q3 a, b, c (in notebook)**

**(page no. 68)**

**Exercise 5.2** 

1. Write the factors of the given numbers.

a. 40: \_\_\_\_\_      b. 28: \_\_\_\_\_      c. 36: \_\_\_\_\_  
d. 68: \_\_\_\_\_      e. 72: \_\_\_\_\_      f. 96: \_\_\_\_\_

2. Check if the first number is a factor of the second number. If yes, put a tick (✓) or else put a cross (✗).

a. 5, 60       b. 3, 15       c. 9, 72       d. 8, 36   
e. 6, 32       f. 3, 22       g. 7, 63       h. 4, 34   
i. 6, 66       j. 4, 48       k. 2, 73       l. 9, 91

3. Find the factors of the following numbers using division as well as multiplication methods.

a. 32 : \_\_\_\_\_  
b. 66 : \_\_\_\_\_  
c. 75 : \_\_\_\_\_  
d. 81 : \_\_\_\_\_  
e. 93 : \_\_\_\_\_

## HINDI:

वीडियो देखकर इसमें दिया गया अभ्यास कार्य करिए ।

[https://youtu.be/46OFWU3S0\\_Y](https://youtu.be/46OFWU3S0_Y)

## UOI:

### Going further

Watch the following video to learn about the interdependence between organisms in ecosystems.

<https://youtu.be/quSK-M555tw>

Read the following information carefully and do the task that follows.

## **Food Chain and Food Web**

Every living plant and animal must have energy to survive. Plants rely on the soil, water, and the sun for energy. Animals rely on plants as well as other animals for energy.

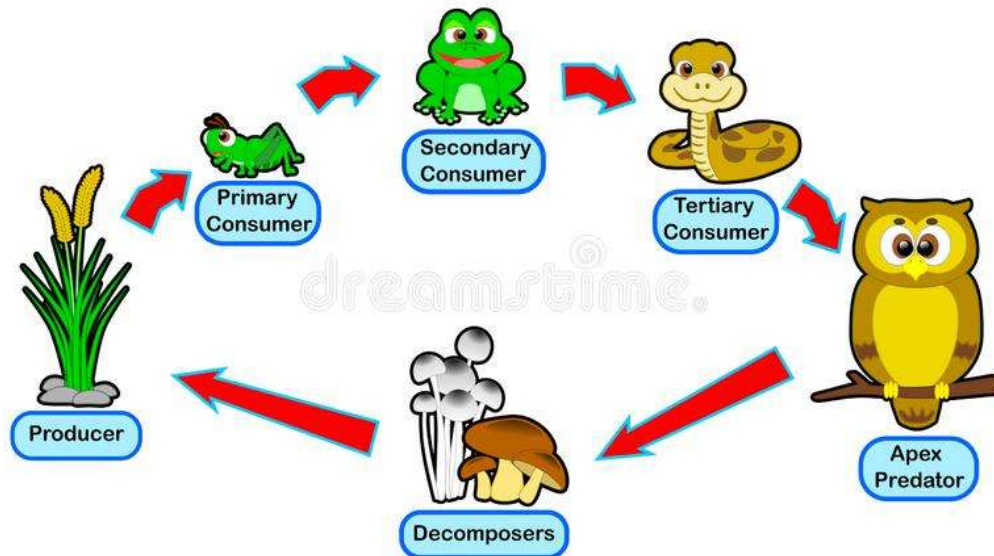
In an ecosystem, plants and animals all rely on each other to live. Scientists sometimes describe this dependence using a food chain or a food web.

### **Food Chain**

A food chain describes how different organisms eat each other, starting out with a plant and ending with an animal. It depicts the flow of energy in an ecosystem which is a one-way process.



The grasshopper eats grass, the frog eats the grasshopper, the snake eats the frog, and the eagle eats the snake.



## Links of the Chain

There are names to help describe each link of the food chain. The names depend mostly on what the organism eats and how it contributes to the [energy](#) of the ecosystem.

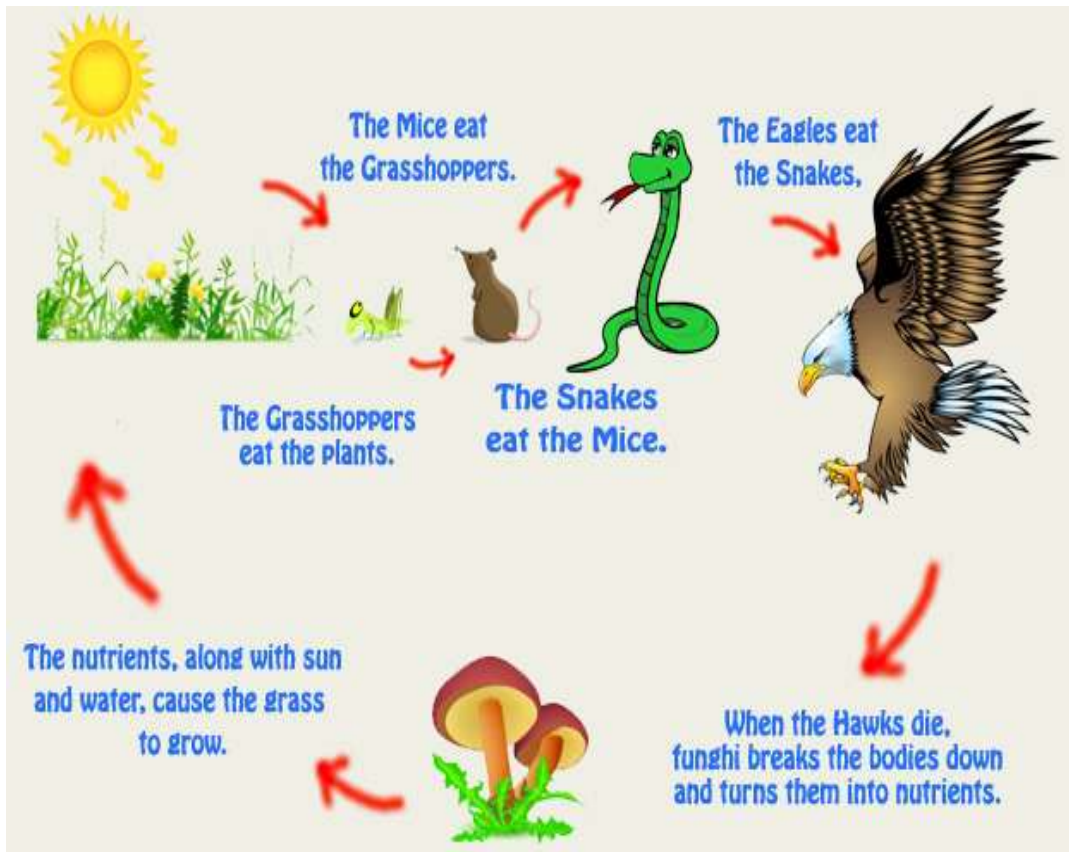
- Producers** - Plants are producers. This is because they produce energy for the ecosystem. They do this because they absorb energy from sunlight through [photosynthesis](#). They also need water and nutrients from the soil, but plants are the only place where new energy is made.
- Consumers** - Animals are consumers. This is because they don't produce energy, they just use it up. Animals that eat plants are called primary consumers or herbivores. Animals that eat other animals are called secondary consumers or carnivores. If a carnivore eats another carnivore, it is called a tertiary consumer. Some animals play both roles, eating both plants and animals. They are called omnivores.
- Decomposers** - Decomposers eat decaying matter (like dead plants and animals). They help put nutrients back into the soil for plants to eat. Examples of decomposers are worms, bacteria, and fungi.

# Sample Food Chains

Trophic Level	Grassland Biome	Pond Biome	Ocean Biome
Primary Producer	grass ↓	algae ↓	phytoplankton ↓
Primary Consumer	grasshopper ↓	mosquito larva ↓	zooplankton ↓
Secondary Consumer	rat ↓	dragonfly larva ↓	fish ↓
Tertiary Consumer	snake ↓	fish ↓	seal ↓
Quaternary Consumer	hawk	raccoon	white shark

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## Importance of energy flow



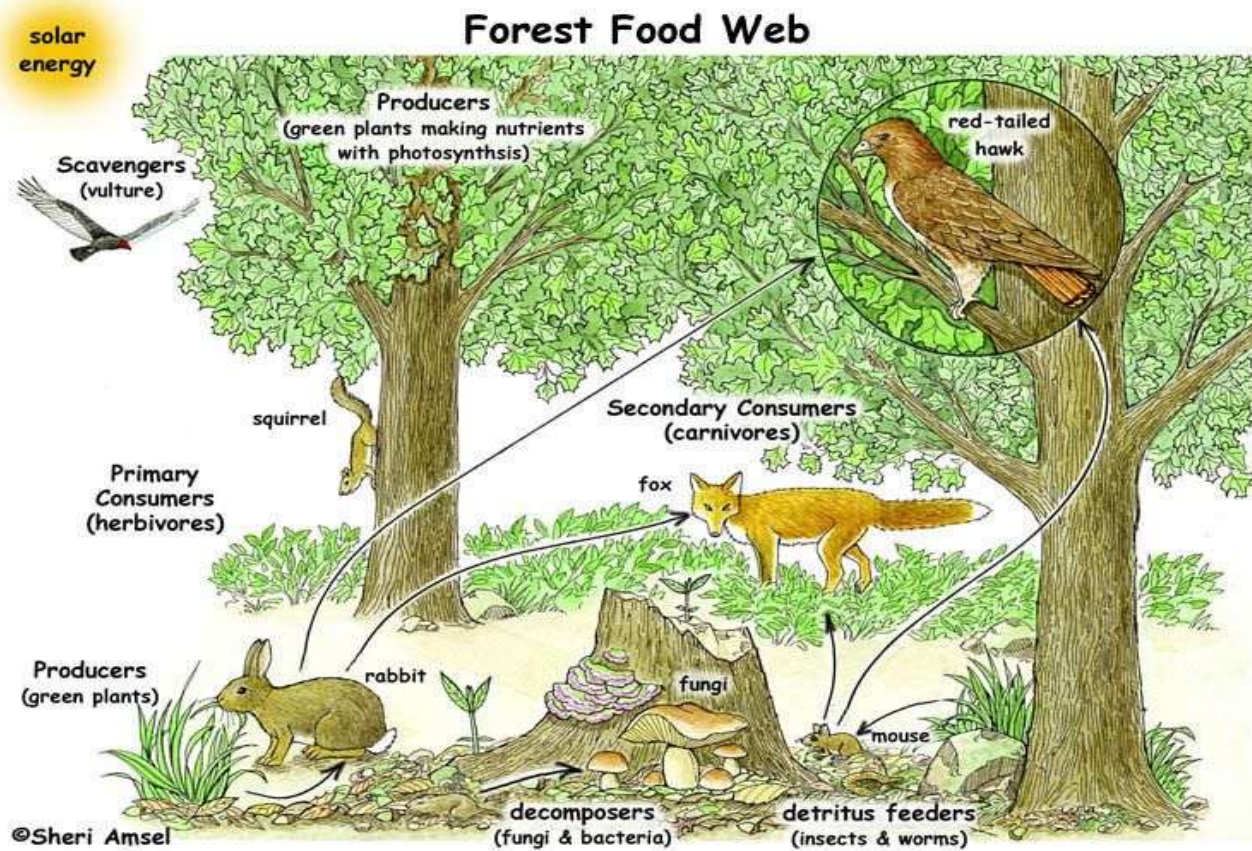
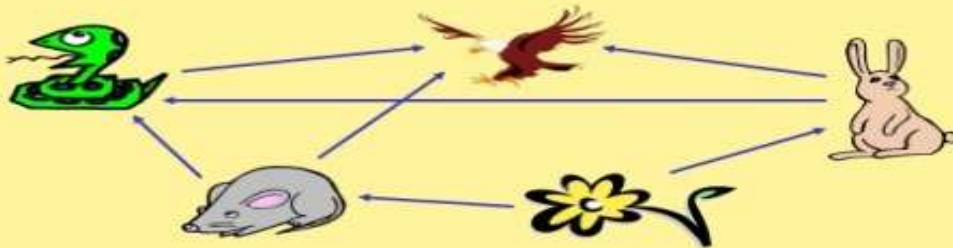
## Food Web

In any ecosystem there are many food chains and, generally, most plants and animals are part of several chains. When you draw all the chains together you end up with a food web. An example of food web is:

### What is food web?

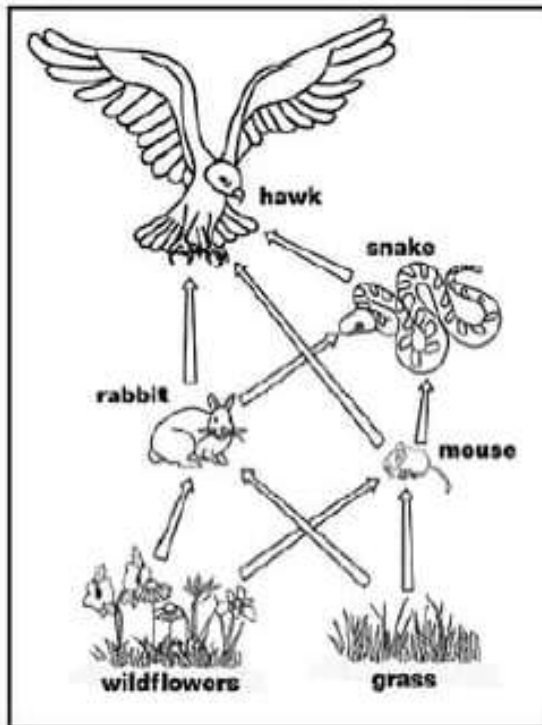
Food web can be defined as, "a network of food chains which are interconnected at various trophic levels, so as to form a number of feeding connections amongst different organisms of a biotic community".

It is also known as consumer-resource system.



Name: \_\_\_\_\_

## Food Web



A **food web** shows how energy is passed on from one living thing to the next. It shows the feeding habits of different animals that live together in an ecosystem.

In the food web pictured on the left, energy is passed from the grass to the mouse to the snake to the hawk.

**Producers** are living things that make their own food with sun and air. The producers are pictured at the bottom of the food web.

**Consumers** are living things that eat other living things.

Use the food web in the picture above to answer the questions.

1. Name the living things in the food web that are producers. \_\_\_\_\_  
\_\_\_\_\_
2. Name the living things in the food web that are consumers. \_\_\_\_\_  
\_\_\_\_\_
3. Which living things does the snake eat? \_\_\_\_\_
4. Which living things does the hawk eat? \_\_\_\_\_
5. What is eaten by the rabbit? \_\_\_\_\_

## **ART:**

On the occasion of Raksha Bandhan, students will Create and Decorate the Rakhi, with the help of reference video given below.

<https://youtu.be/7JAZ8T5Wcek>

## **P.E.**

Watch the video and practice the exercises to remain fit and healthy.

<https://youtu.be/XUEZAduHPq4>

## **DANCE:**

**Theme:** - How the world works.

**Summative task:** Make a short dance video (2 to 3mins) of your favorite dance form, also tell us about it.

### **Check list**

- Excellent Presentation
- On rhythm
- Good Confidence
- Knowledgeable