

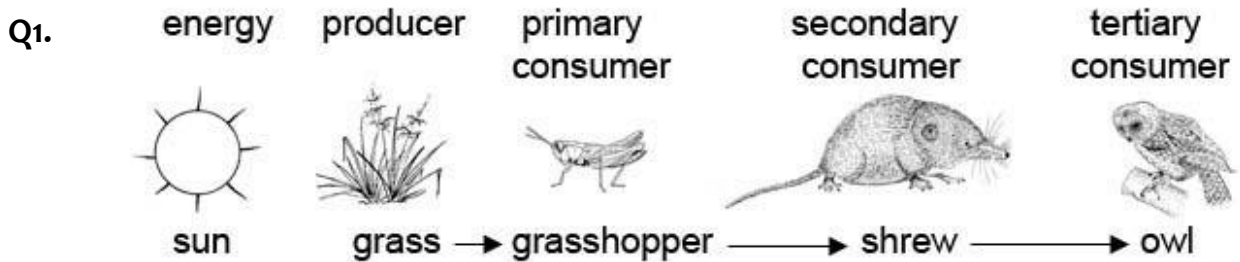
The Primary Stage of Grades (4-5)  
School Year 2022 - 2023

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

Unit (4): Food Chains and Food Webs  
Worksheet (1)  
Grade 5 CP (All sections)

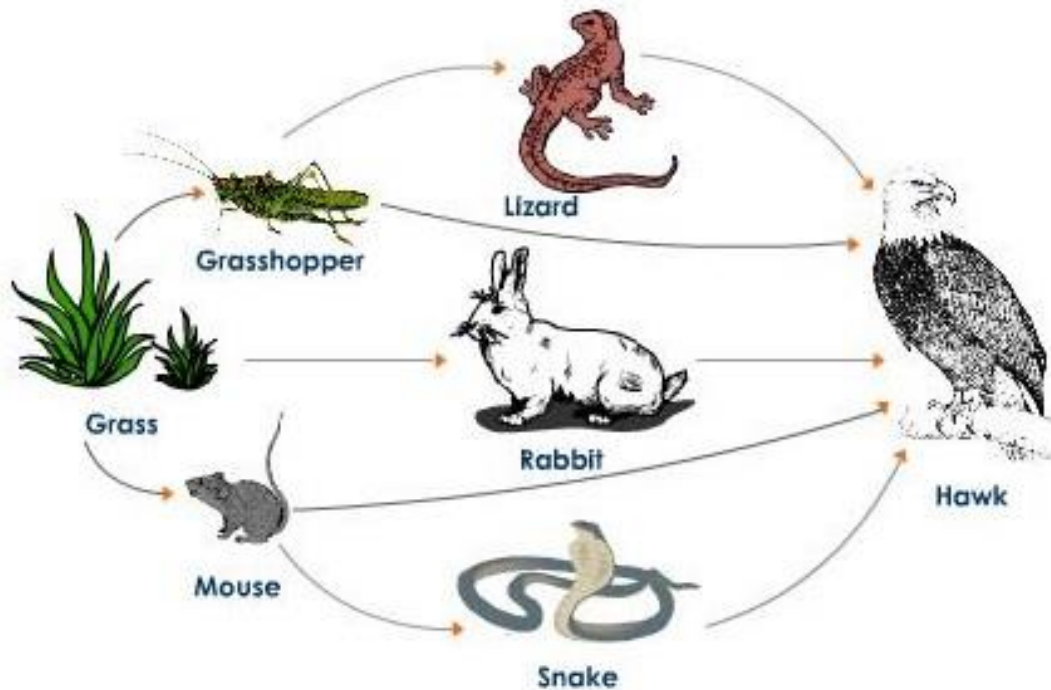
Objective:

- Interpret food webs.
- Identify different food chains in different food webs.



- a) What is the source of energy in this food chain? The sun.
- b) What is the producer in this food chain? Grass.
- c) How many consumers do we have in this food chain? 3 Consumers.
- d) What do the arrows represent in this food chain?
- The arrows represent the flow of energy.
- e) Which organism is the prey of the owl in this food chain? The shrew.
- f) Which organism is the predator of the grasshopper? The shrew.
- g) What is the diet of grasshopper? An herbivore (It eats grass).

Q2: Study the following food web and answer the questions below:



- a) Name the **producer** in this food web? The grass.
- b) How many **consumers** are there in this food web? 6 consumers.
- c) What is the **main source of energy** in this food web? The sun.
- d) Which organism is the **prey of the snake**? The mouse.
- e) Name an organism that is a **prey and a predator** at the same time?  
Snake/ Lizard .
- f) Name the **primary consumers** in this food web?  
Grasshopper, rabbit and mouse.

g) Name the **secondary consumers** in this food web.

h) Snake, lizard and hawk.

i) Which animal is the **top consumer** in this food web? The hawk.

j) What does the term **predator** mean?

A predator is a consumer (animal) that hunts and eats another consumer (its prey).

k) What does the term **prey** mean?

A consumer that is eaten by another consumer (by the predator).

l) Construct **two food chains** from this food web.

1. Grass → Grasshopper → Lizard → Hawk.

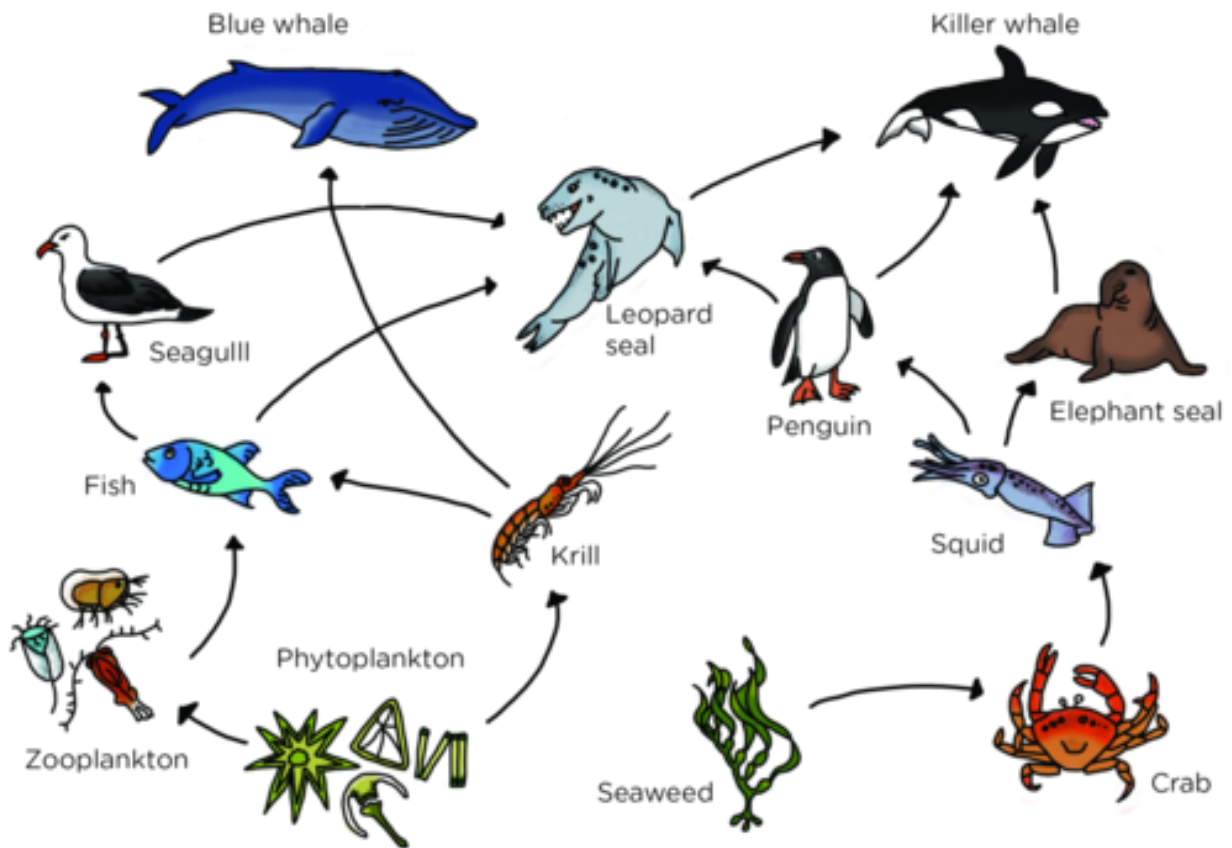
2. Grass → Mouse → Snake → Hawk

3. Grass → Rabbit → Hawk.

4. Grass → Mouse → Hawk.

5. Grass → Grasshopper → Hawk.

Q3. Study the following marine food web, and answers the questions below:



a) Name the **producers** in this food web?

Seaweed, Phytoplankton.

b) How many **consumers** are there in this food web?

11 consumers

c) What is the **main source of energy** in this food web? The sun .

d) What do the **arrows** represent in the food web?

The flow of energy.

Name the following:

e) The **predators of the penguin?** Leopard seal, killer whale.

f) The **prey of the blue whale?** The krill

g) The **primary consumers** in this food web.

Crab, krill and zooplankton.

h) The **secondary consumers** in this food web.

Squid, fish and blue whale.

i) Construct **four food chains** from this food web.

1. Seaweed → Crab → Squid → Elephant seal → Killer Whale.

2. Seaweed → Crab → Squid → Penguin → Killer whale

3. Seaweed → Crab → Squid → Penguin → Leopard Seal → killer whale.

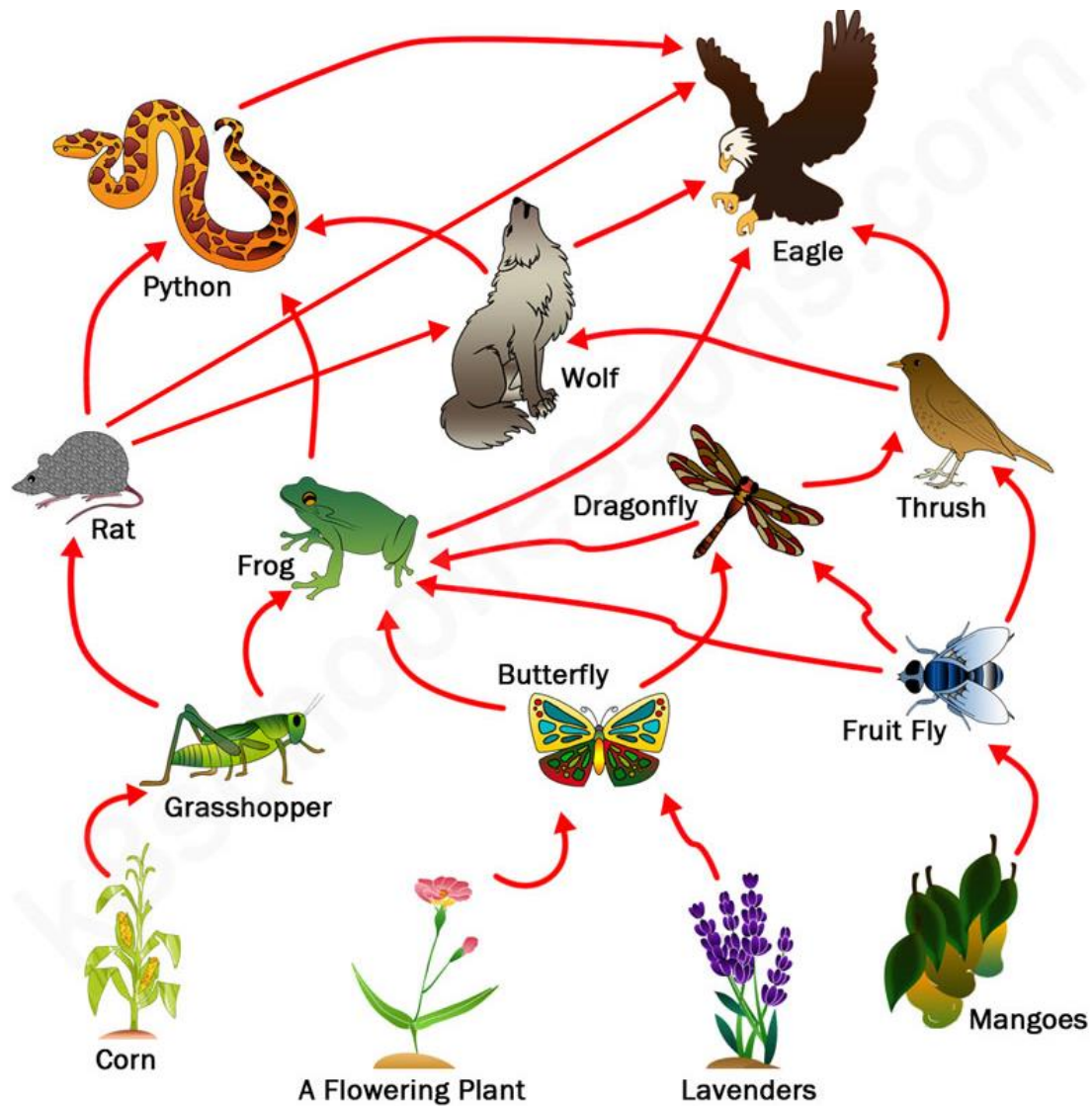
4. Phytoplankton → Krill → Blue Whale.

5. Phytoplankton → Krill → Fish → Leopard Seal → killer whale.

6. Phytoplankton → Krill → Fish → seagull → Leopard Seal → killer whale.

7. Phytoplankton → zooplankton → Fish → seagull → Leopard Seal → killer whale.

Q4: Study the following food web and answer the questions below:



Name the following:

a) All **producers** in this food web.

Corn, A flowering plant, lavenders and mangoes.

b) The **primary consumers** in this food web.

Grasshopper, Butterfly and fruit fly.

c) The **top predator** in this food web.

The Eagle.

d) The **prey** of the wolf in this food web.

Rat, Thrush.

e) The **predators of the frog** in this food web.

Python, Eagle.

f) Construct **four** food chains from this food web.

1. Corn → Grasshopper → Rat → Python → Eagle.
2. Corn → Grasshopper → Rat → Eagle.
3. Corn → Grasshopper → Frog → Python → Eagle.
4. A Flowering Plant → Butterfly → Frog → Eagle.
5. A Flowering Plant → Butterfly → Dragonfly → Thrush → Eagle.
6. Lavenders → Butterfly → frog → Eagle.
7. Lavenders → Butterfly → Dragonfly → Frog → Eagle.
8. Mangoes → Fruit Fly → Thrush → Eagle.
9. Mangoes → Fruit Fly → Frog → Python → Eagle.
10. Mangoes → Fruit Fly → Dragon Fly → Thrush → Eagle.