




# Science

Grade 6





## 10. Food Related Interactions

-  **Food webs**
-  **Mode of nutrition of animals**
-  **Food chains**

### Pre learning

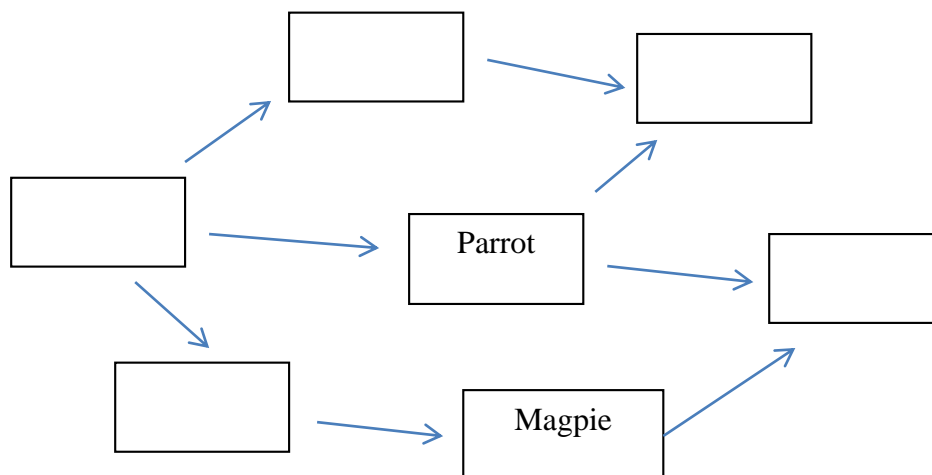
1. Observe carefully the animals in the environment and their food habits.  
Complete the table below using those details.

Animal	Foods

2. Are there animals who depend on the same food? Give examples for them.

### Refer to your text book too to answer the following questions.

01. Complete the following figure that shows the interactions among animals on a mango tree.





02. What is meant by a food web?

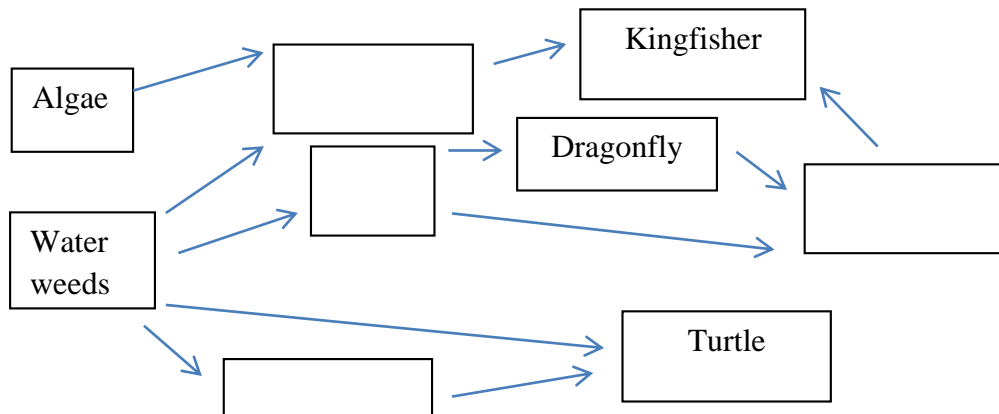
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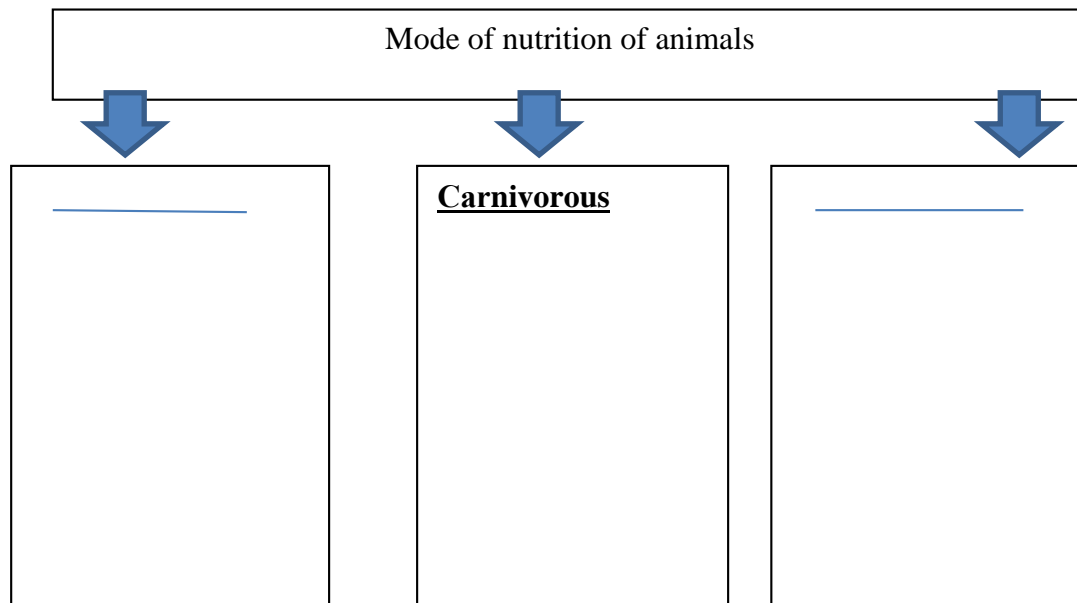
03. Complete the following food web that depicts food related interactions in a pond.



04. Build up a food web that exhibits food related interactions among animals in a forest.



05.



06. What is meant by a food chain?

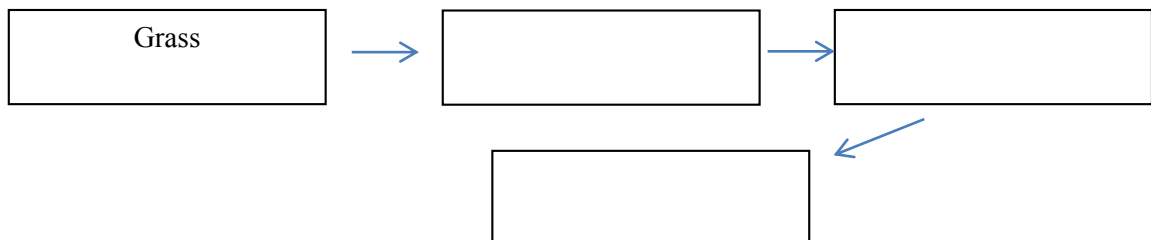
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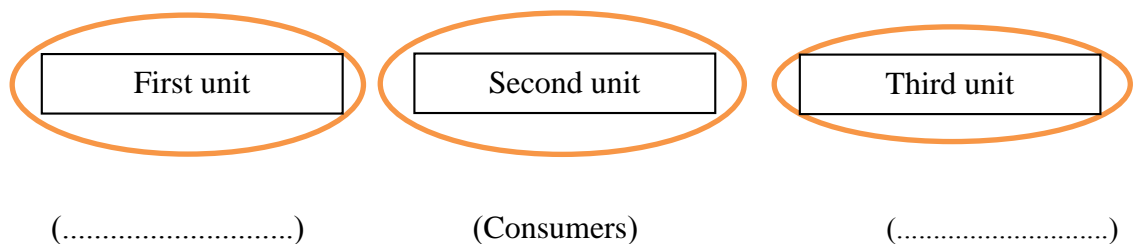
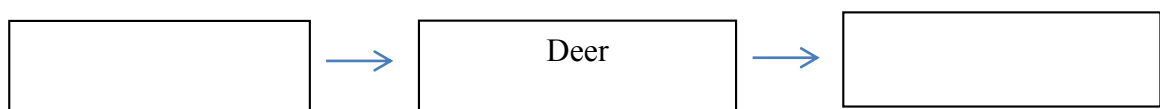
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07. Fill the cages of the following food chain.



08





### **Post learning**

- 1) What is photosynthesis?
- 2) What are the disadvantageous effects that can arise when a particular animal species depend only on one food. Explain with examples.
- 3) Consider the following food chain.

Carrot      →            →            →      Lion

- i. Can the animal in the first cage ever be an omnivore?
- ii. Complete the above food chain considering the animal in the first cage is a herbivore
- iii. How many links are there in this food chain?
- iv. How many consumers are there in this food chain?
- v. Name the producer of this food chain.