

**Plants are a special kind of organism that we call producers.**



**Producers make their own food in a process called photosynthesis.**

**Producers need sunlight, water and carbon dioxide to make their own food.**

**Plants have four parts. The flower, stem, leaves, and the roots.**



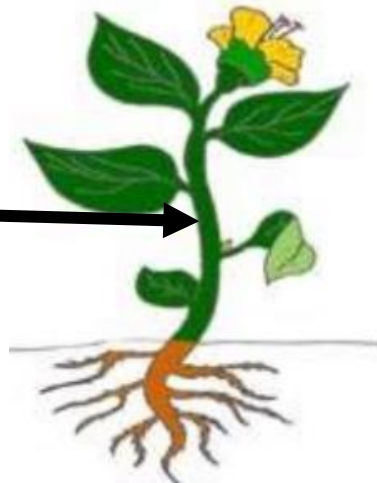


The flower is responsible for reproduction by producing fruits and seeds.

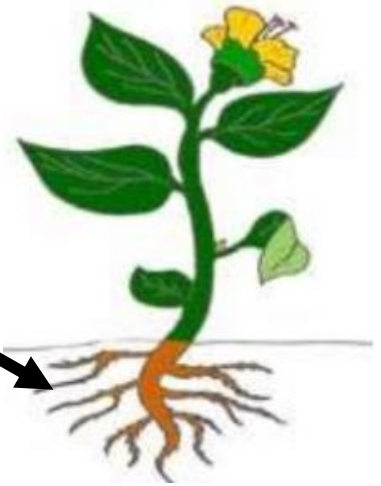


The leaf absorbs the Sun's energy to use in the Photosynthesis.

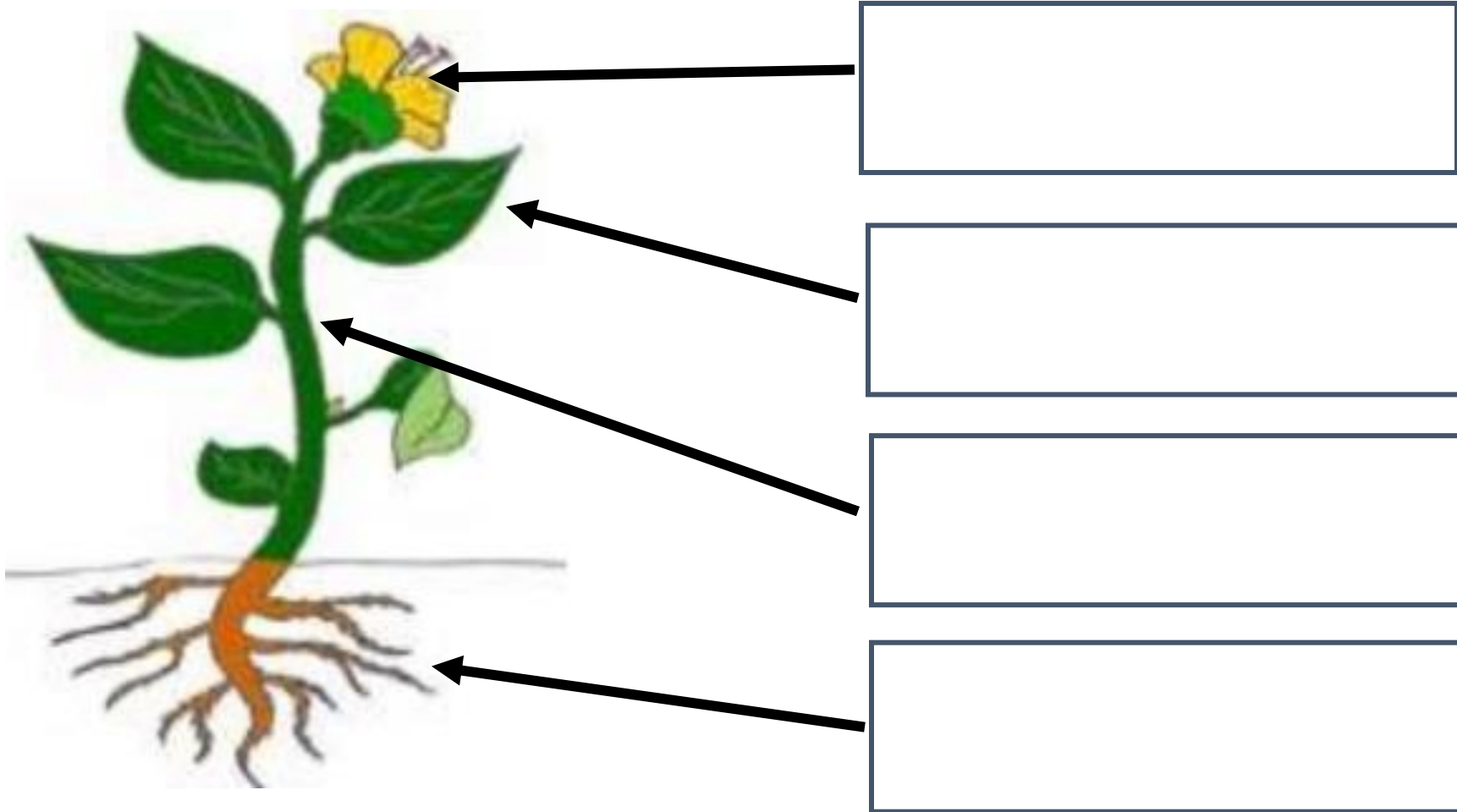
The stem provides support for the flower and the leaves and it transports water and nutrients from the roots to the



The roots spread out in soil to absorb water and nutrients and they provide stability.



Did you know that producers need sunlight, water, and carbon dioxide to make their own food, while consumers are dependent on other organisms for food? Label the parts of the producer below.

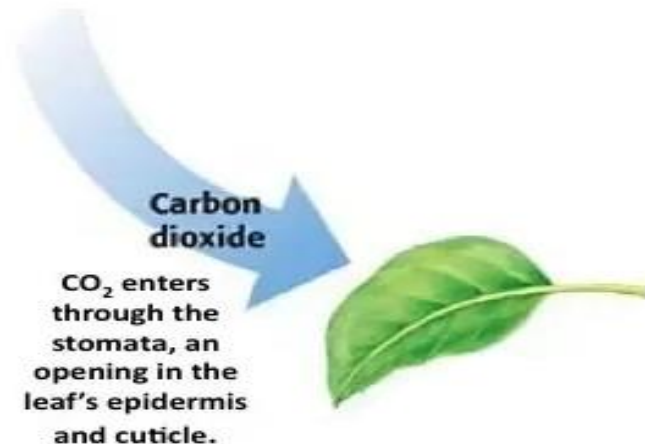
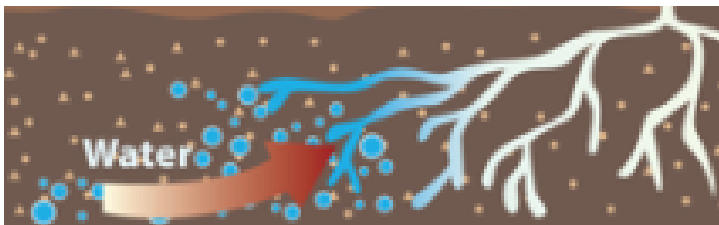


## How do plants make their own food?

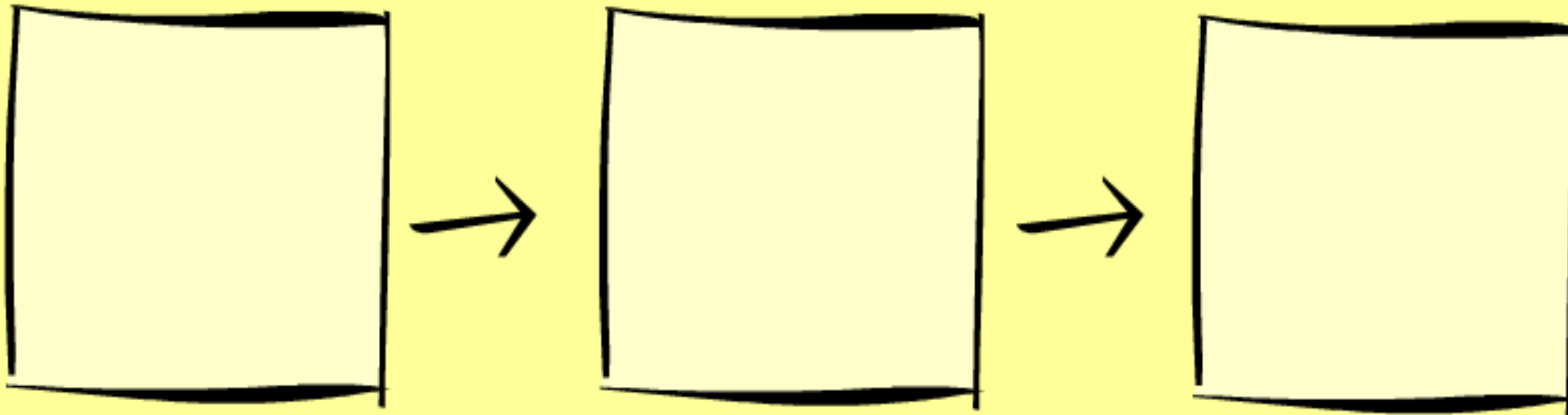
The leaves of a plant take in sunlight which is one of the elements need before photosynthesis can occur. Sunlight is then used to make sugar which comes in the form of food a plant makes.



The roots take in water and other nutrients for the plant.



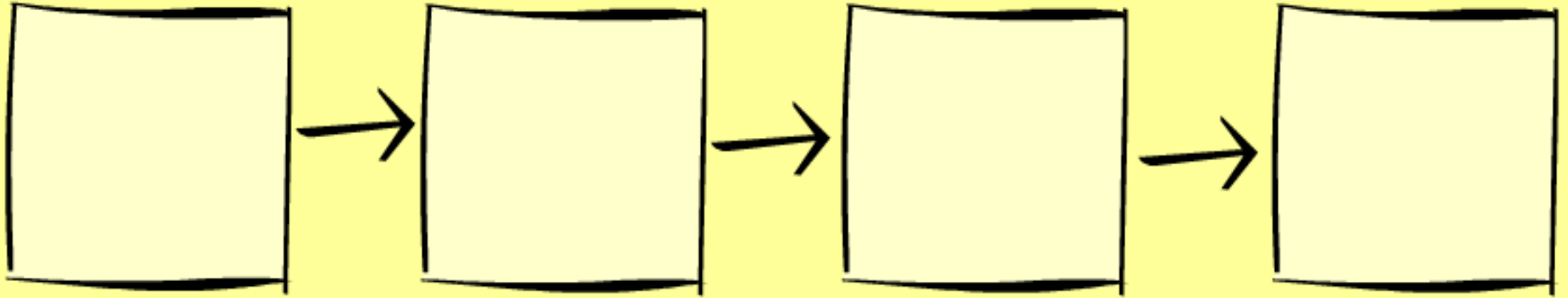
# 1: Simple Chain



**PARTS  
OF FOOD  
CHAIN:** bird  
flower  
caterpillar



## 2: Bigger Chain

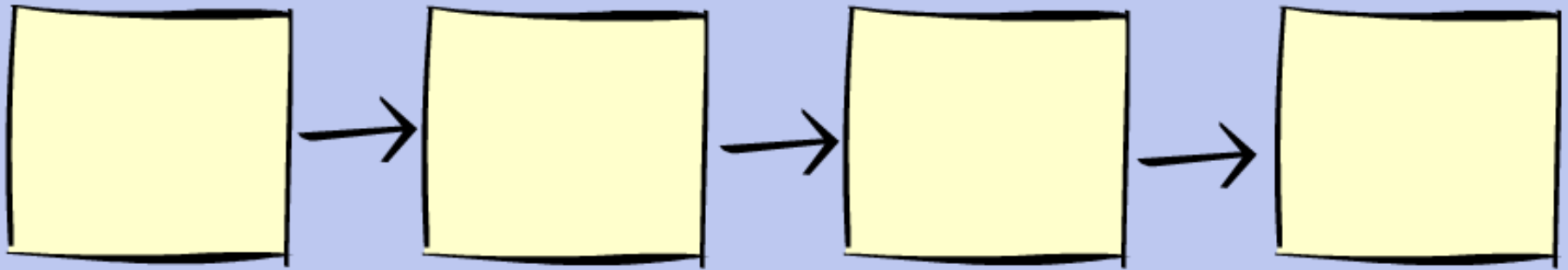


**PARTS  
OF FOOD  
CHAIN:**

snake  
mouse  
hawk  
acorns

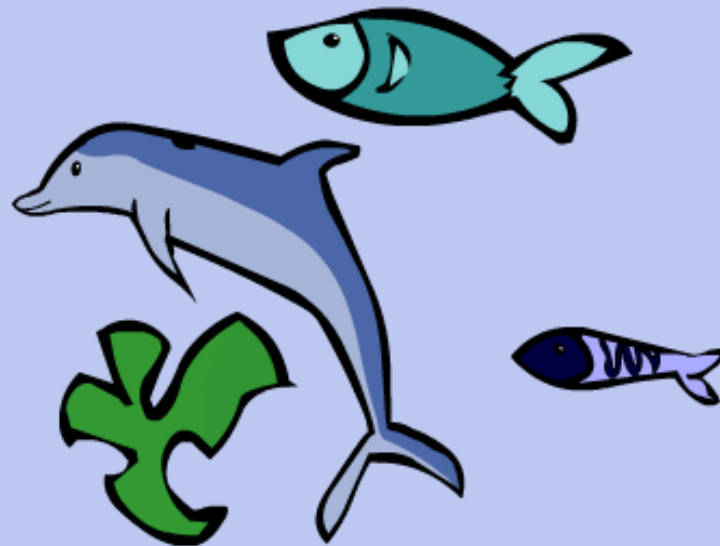


### 3: Marine Chain



**PARTS  
OF FOOD  
CHAIN:**

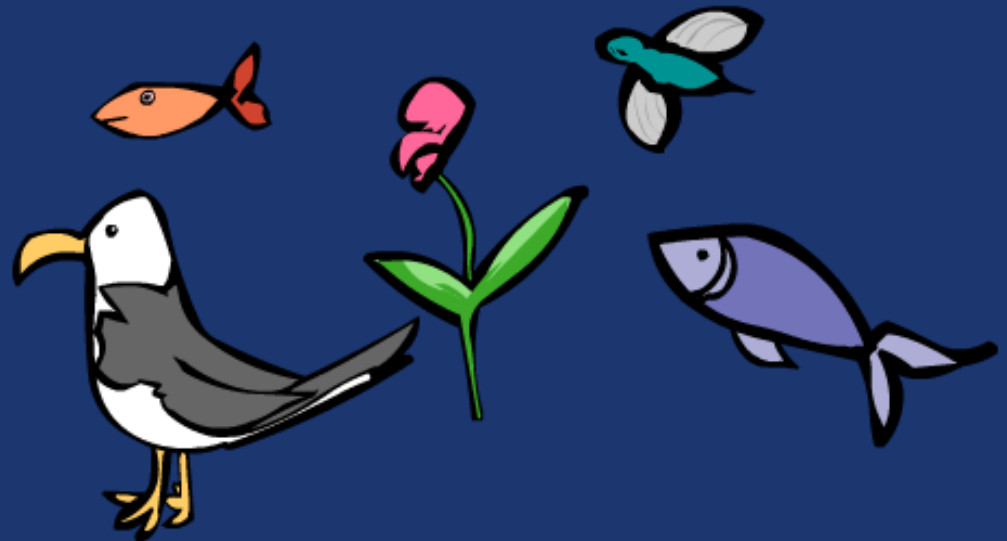
big fish  
small fish  
dolphin  
algae



## 4: Mixed chain

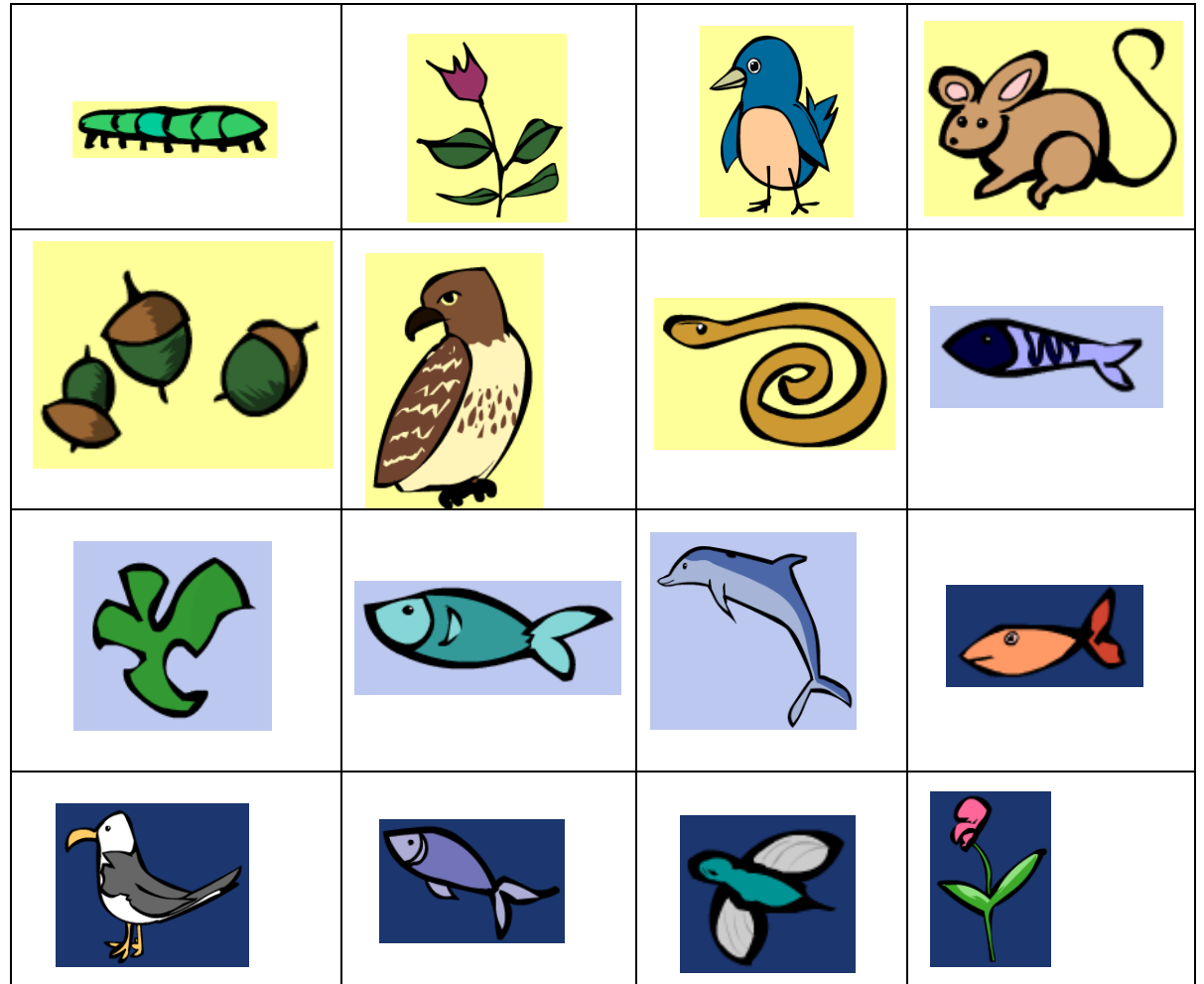


PARTS  
OF FOOD  
CHAIN:  
flower  
seagull  
big fish  
insect  
small fish





Use these cut outs to complete the four food chain boards. Use the words at the bottom to complete the part of a flower activity.



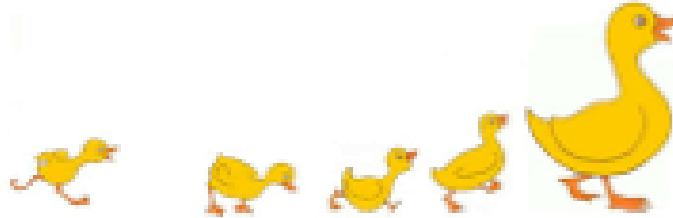
Roots

Flower

Stem

Leaf

Living organisms depend on each other to survive.



How do the duck depend on each other?

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How does the bobcat depend on the ducks?

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Living organisms depend on each other to survive. The living bear is eating the berries.



How does the bear depend on the berries?

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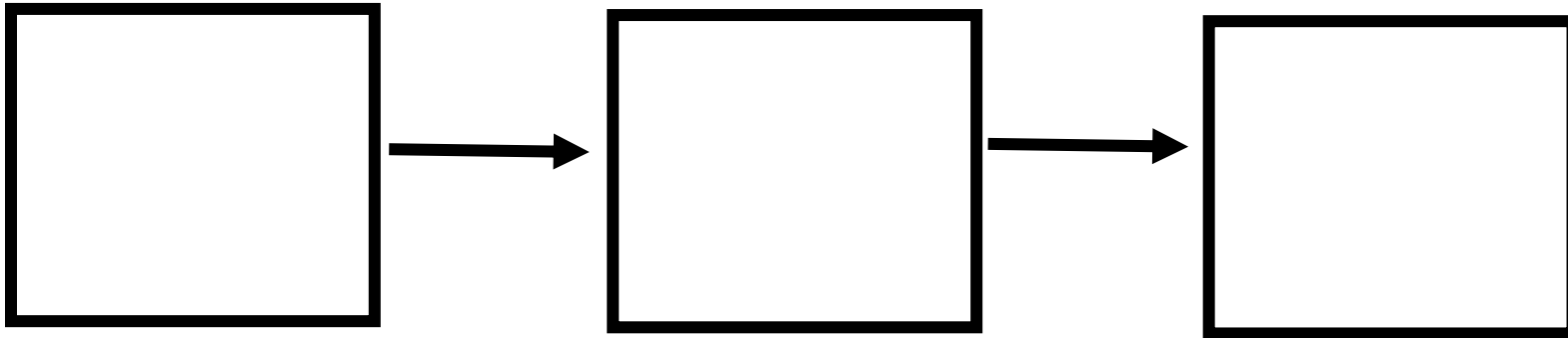
Do you think that the berries depend on the bear for anything?

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Use the pictures and create a food chain.



Explain how the animals are dependent on each other.

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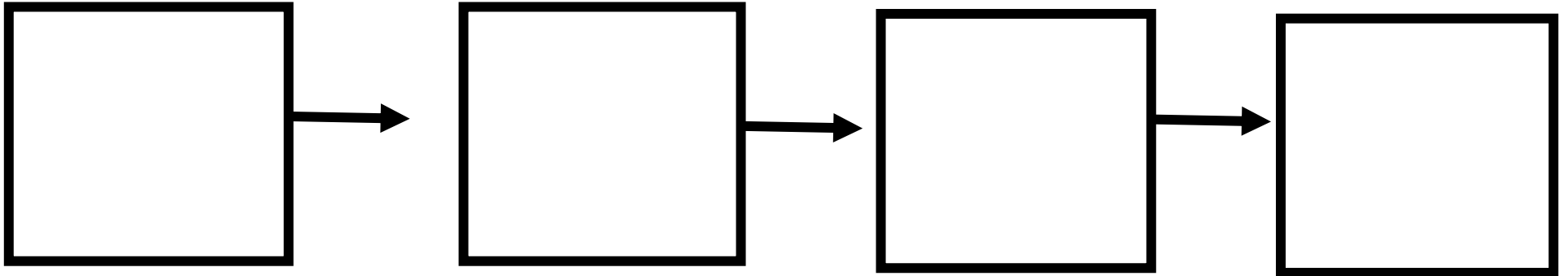
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Use the pictures and create a food chain.



Explain how the animals are dependent on each other.

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Explain why all the animals in a food chain are dependent on plant.



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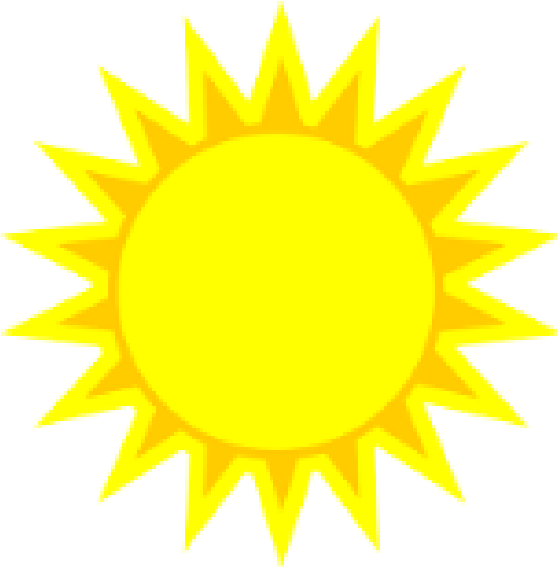
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Explain why all the animals and plants in a food chain are dependent on the sun.



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