

Green Plants – The Food Producers

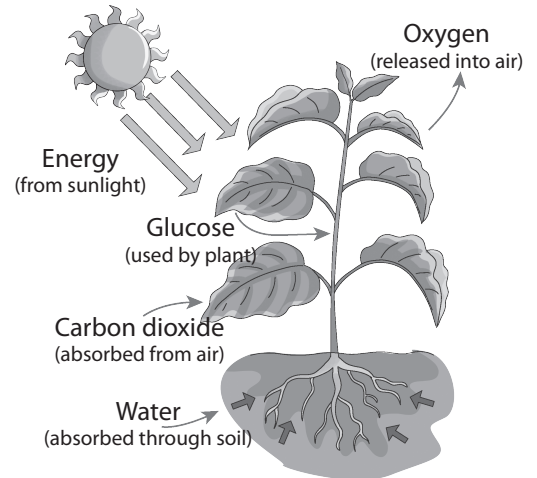
Observe and Answer

Skills Covered: • Observation • Decision-making
• Critical and logical thinking

Observe the picture and answer the following questions.

1. Which part of the plant is called the kitchen of the plant? _____
2. Name the life process described in the picture. _____
3. From where does a plant receive energy?

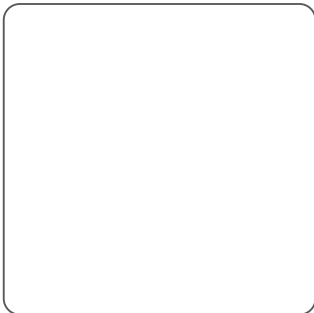
4. Name the part of the leaf through which carbon dioxide is taken from the atmosphere. _____
5. Which part of the plant absorbs water from the soil? _____



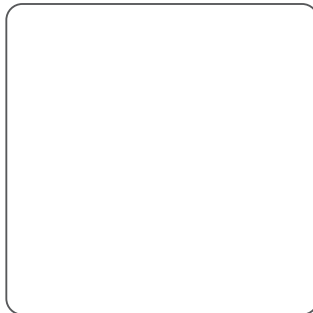
Creative Corner

(Integrated Learning–Art)
Skills Covered: • Observation • Creativity

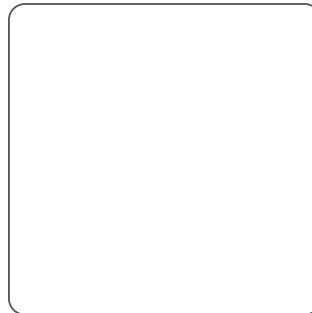
Draw an outline picture of the following in the box given below and colour them.



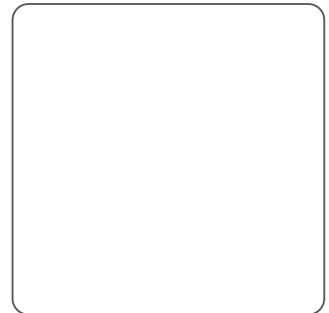
Mushroom



Cactus



Croton



Money plant

1. Do leaves of croton plant have chlorophyll? Yes No
2. What type of plants are mushrooms? Green Non-green
3. Which part of cactus plant performs photosynthesis? Stem Spines

Life Skills

Skills Covered: • Observation • Critical and logical thinking • Investigation
• Decision-making • Social and emotional skills

Ruchi's grandmother likes gardening. She tells Ruchi that gardening is an acquired skill. The grandmother shows Ruchi how seeds are sown in a pot. She tells Ruchi to water them regularly. The grandmother places the pot where sufficient sunlight is available. After a few days Ruchi finds that her plants are growing properly. She then studies about different parts of a plant.



1. Why is gardening important?

2. What are the necessary conditions required for the proper growth of plants?

Fun with Learning

Skills Covered: • Critical and logical thinking
• Decision-making

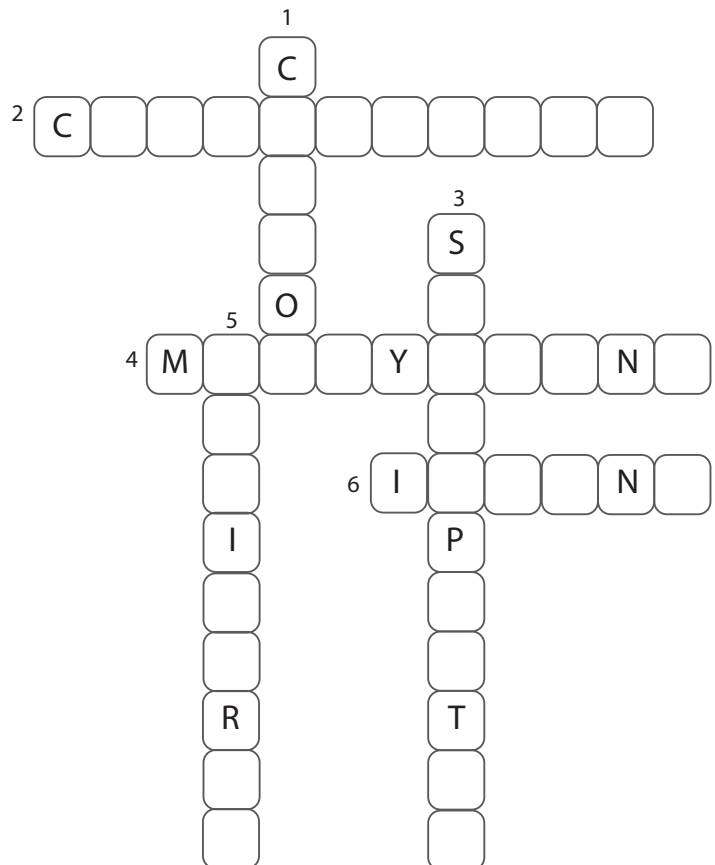
Solve the crossword puzzle using the hints given below.

Down

1. The leaves of _____ plant are dark red in colour.
3. The _____ plants obtain food from dead and decaying plants and animals.
5. Both plants and animals are eaten by _____.

Across

2. Plants make food in the presence of _____.
4. The _____ has variegated leaves.
6. The _____ solution is used to test the presence of starch.

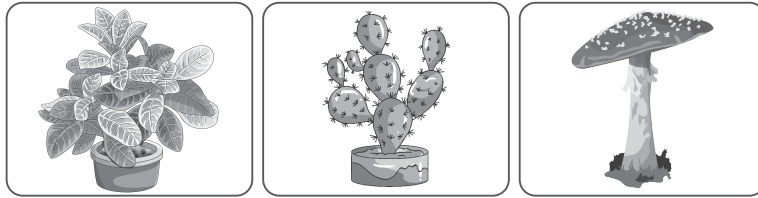


Competitive Corner

Skills Covered: • Critical and logical thinking
• Decision-making • Reasoning

Choose the correct answer.

1. Study the given images carefully and choose the correct statement.



- (a) The plants cannot prepare their own food because they lack chlorophyll.
(b) Cactus and croton plant can prepare their own food while mushrooms cannot.
(c) Croton plant cannot prepare its own food while cactus and mushrooms can.
(d) All the plants can prepare their own food.
2. Which of the following performs photosynthesis in cactus?
(a) Spine (b) Stem (c) Root (d) Flower
3. Which of the following is not needed for photosynthesis?
(a) Iodine solution (b) Sunlight (c) Chlorophyll (d) Carbon dioxide
4. Which of the following parts of plant exchange gases?
(a) Flower (b) Leaf (c) Root (d) Stem
5. Identify the plant in which only the green part of leaf performs photosynthesis.
(a) Cactus (b) Money plant (c) Mushroom (d) Mould
6. The tiny openings through which plants breathe are called _____.
(a) stomata (b) midrib (c) vein (d) lamina

Put on Your Reasoning Caps – HOTS

Skills Covered: • Critical and logical thinking
• Analytical reasoning

Give reasons for the following statements.

1. Green plants are called autotrophs.
2. Animals and human beings depend on plants for food.
3. Mushrooms and moulds are different from usual green plants.
4. Green plants do not make their food at night.