

NAME:

DATE:

CLASS:

MARKS

10

Plants



1. This is a picture of John's plant. It is placed in his bedroom.



- (a) Although the plant looks healthy, its stem is slanting towards the right. Explain why John's plant has become slanted. [2m]

- (b) What can John do to make his plant grow upright again? [1m]

- (c) Why is sunlight important for plants? [1m]

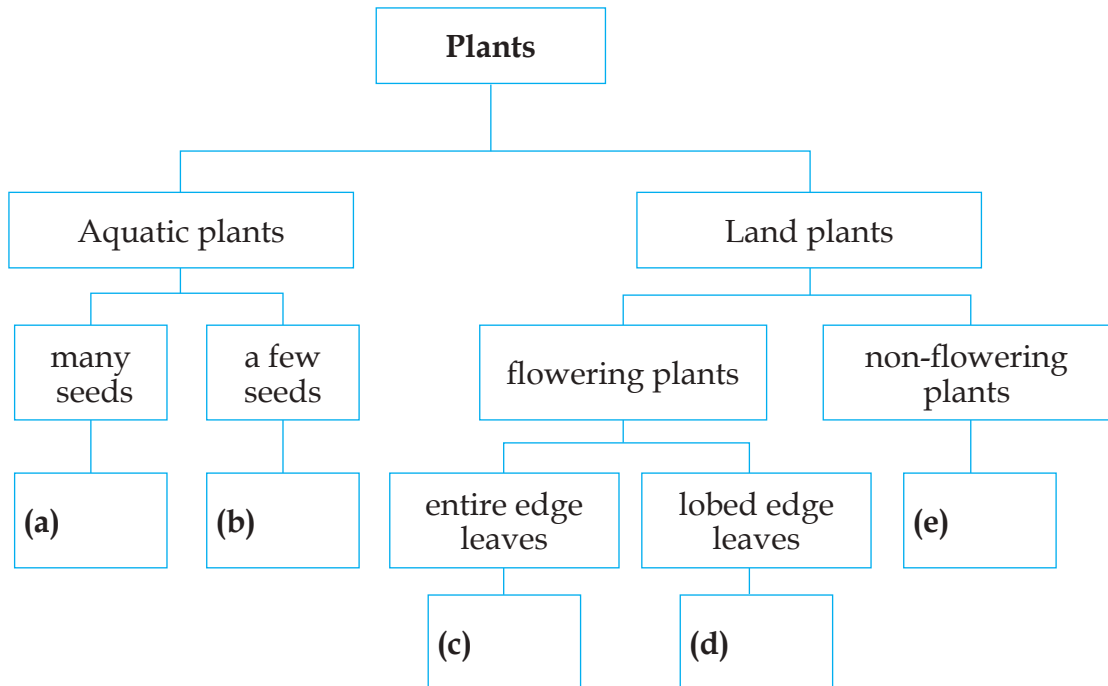
(d) Besides sunlight, what else do plants need for healthy growth? [1m]

2. Study the table below.

Plant	Type of plant	Seed	Leaf	Where the plant can be found
A	non-flowering plant	-	entire edge	land
B	flowering plant	a few	entire edge	land
C	flowering plant	many	lobed edge	water
D	flowering plant	many	lobed edge	land
E	flowering plant	a few	toothed edge	water

Using the information given in the table above, classify the five plants by placing the letters A to E in the boxes in the classification diagram below.

[5m]

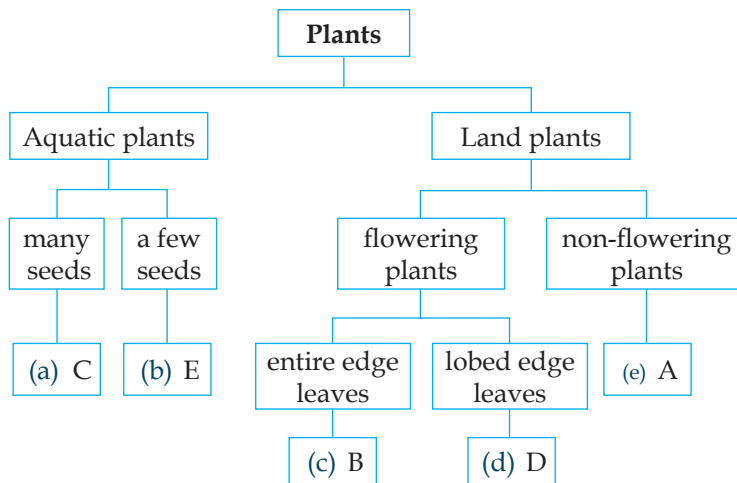


Plants



1. (a) He has placed the plant in a closed dark box with an opening cut out at the right, so the plant has grown towards the hole on the right to obtain sunlight. / He has placed it in an area where there is not much sunlight so the plant has grown towards the direction where light is available. *(Accept any other reasonable answers.)*
- (b) He can place the plant in a closed dark box with an opening cut out on top so that the plant will grow upwards towards the light outside. / He can put it out in the open. *(Accept any other reasonable answers.)*
- (c) The leaves absorb sunlight to make food for the plants.
- (d) They need air, water and warmth.

2.



Adapted:

Science Process Skills for Lower Block 3/4

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