

How Plants Grow

Brain Starter



Listen to the talk. Choose Andy's plant.

[CD-01]

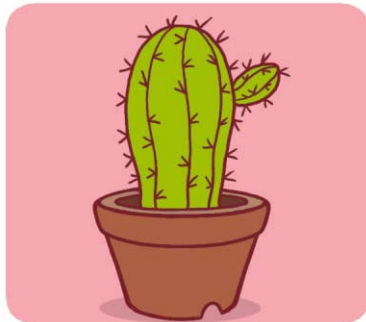
(A)



(B)



(C)



(D)



Talk about It

What do plants need to grow well?

How Plants Grow [CD-02]

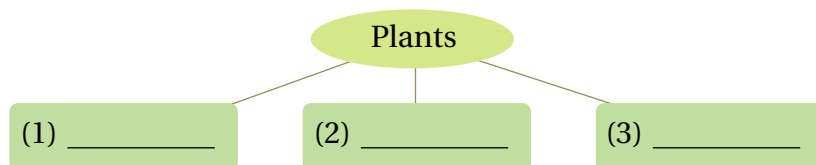


Hi, Andy! I'm your plant. I'm not growing well. Do you know why? You don't give me enough water and sun. You gave me **soil** to grow in. Only soil is not enough. I also need both water and sun! Sun and water give energy to my roots and leaves. The green color in my leaves makes the food. I live and grow with the food. Give me both water and sun, and I will be a healthy plant!

How do I grow with water and sun? I have three parts in my body — leaves, **trunks**, and roots. My leaves make food. My roots **take in** water from the soil. Then the water goes from the roots to the trunk. The trunk sends the water out to the leaves. My roots and trunk also **hold me up**. So, I don't fall down!

My friend **cactus** needs just a little water. Too much water is bad for a cactus. I have another friend, **moss**. It lives in the **shade**. It doesn't need lots of sun. Remember, all plants need three things — water, sun, and soil. But every plant needs a different **amount**.

1 What three things do plants need to grow?



2 Why is Andy's plant NOT growing well?

- a. There is too much water.
- b. The sun is too strong.
- c. The soil is not good enough.
- d. Water and sun are not enough.

3 Read the sentence, and check T (true) or F (false).

- (1) Leaves send water to the roots. T ☐ F ☐
- (2) Both cactus and moss need lots of sun. T ☐ F ☐
- (3) Plants need different amounts of water. T ☐ F ☐



4 Listen and choose the best plant for Peter. [10-01-2]

a.



- Water every day.
- This grows well in a sunny place.
- It has yellow flowers in spring.

b.



- Water twice a week.
- This needs lots of sun.
- Do not put it outside in winter.

c.



- Water once a week.
- Shade is the best place for this plant.
- It smells strong.

d.



- Water once a week.
- A sunny place is good for this plant.
- The soil should be rich.



5 Complete the sentence with the given words.

I have two plants — a cactus and a moss. The moss is healthy, but the cactus is dying. That's because _____.

(watered / plants / I / day / both / every)

The cactus doesn't need much water. I learned that.

Review

Re-Word

Complete the puzzle.

Across

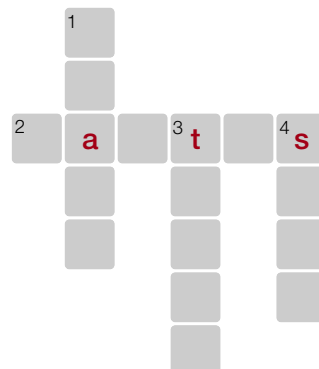
(2) A _____ is a desert plant.

Down

(1) Moss lives well in the _____.

(3) Plants have roots, _____s and leaves.

(4) Plants need water, sun and _____.



Re-Grammar

Both + noun (plural)

: Both means “two.”

- Both plants are growing well.

Both ~ and ~ : Both links two different nouns with “and.”

- A plant needs both sun and water to grow well.

1 Check the right sentences.

- (1) ☐ Both plants are Debby's.
- (2) ☐ Both rose needs sunlight.
- (3) ☐ Both flower is dying.
- (4) ☐ Both water and soil are important.

2 Complete the sentence using “Both ~ and ~.”

- (1) Both a rose and a tulip (a rose, a tulip) smell nice.
- (2) _____ (Tom, Jane) are excellent in class.
- (3) _____ (fish, shells) live in the sea.
- (4) _____ (a gift, a cake) are a surprise to her.