



Science Virtual Learning

3rd Grade Life Cycle of Plant

April 6, 2020



3rd Grade Science
Lesson: April 10, 2020

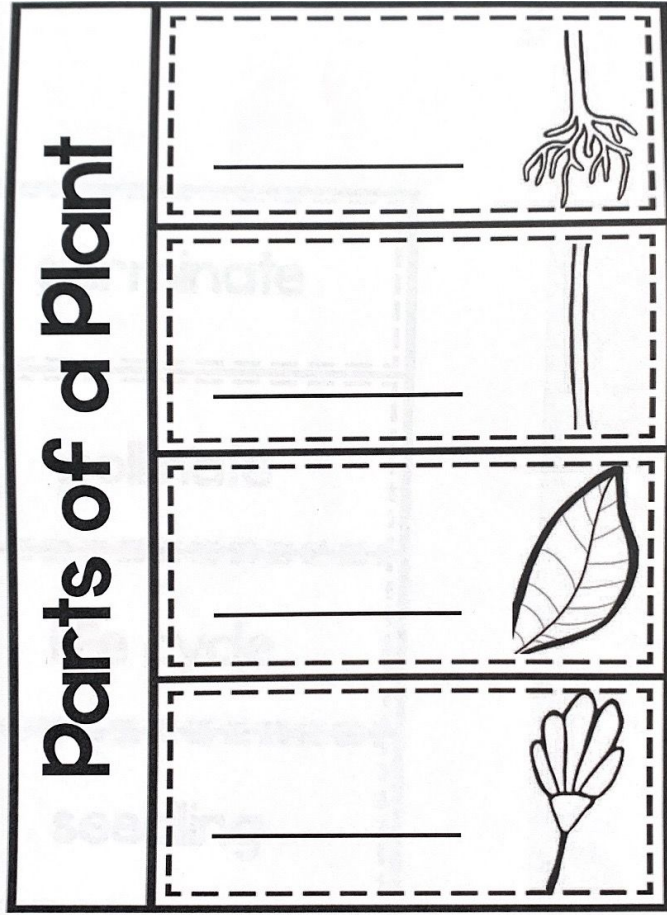
Learning Target:

I can identify the parts of a plant and their function.

Background: This is a review lesson from 1st quarter.

- Plants have parts that do specific jobs to keep them alive.
- Scientists use special names to identify parts of a plant.

Let's Get Started!



1. Watch this [video](#).
2. Sketch each picture and label each plant part.

Word bank:

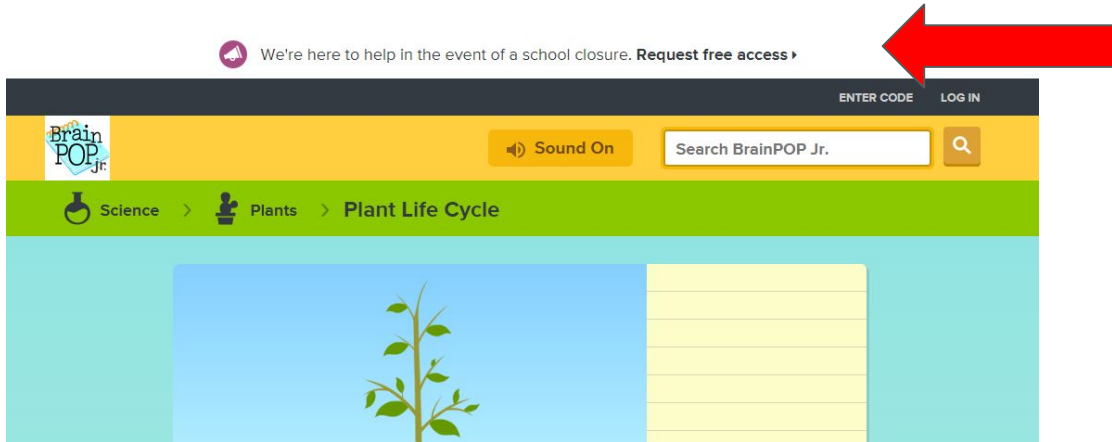
Roots

Leaf

Flower

Stem

Create BrainPop Family Account.



1. Click [this link](#).
2. Click request free access.
3. Click FREE family access.
4. Watch video.

We're offering free BrainPOP access for schools and families impacted by school closures

Best Option for Distance Learning

FREE School Access

School-wide access with individual logins for teachers and students.

FREE Teacher Access

Single-class access to select BrainPOP resources with one shared login.

FREE Family Access

Single login for use at home.



Practice #1:
Watch [this video](#) first.



Do you see anything wrong
with this picture?
Write it down!

Practice #2:

Watch [this video](#) first.



What
do
roots
do?

What do roots do? **Choose 2 answers.**

- A) Absorbs sunlight.
- B) Makes food for the plant.
- C) Absorbs nutrients from the soil.
- D) Stabilizes the plant.
- E) Creates flowers for the plant.

Practice #3:
Watch [this video](#) first.



What do leaves do? **Choose 2 answers.**

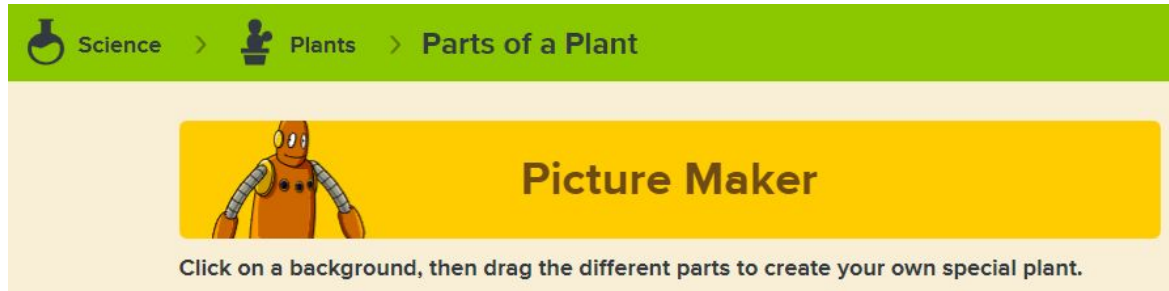
- A) Absorbs sunlight.
- B) Makes food for the plant.
- C) Absorbs nutrients from the soil.
- D) Stabilizes the plant.
- E) Creates flowers for the plant.

Answers for Guided Practice

1. The roots are upside down. The roots should be planted in the soil, so the plant can absorb nutrients.
2. C and D
3. A and B

MORE Practice on your own:

1. Click [here](#) and make your own plant. Make sure you put the plant parts at the correct spot.
2. Watch [this video](#).
 - a. Ask an adult for 3 dry beans.
 - b. Put 3 in a ziplock bag with 1 moist paper towel.
 - c. Zip the bag up and place near sunlight.
 - d. Watch it over time! (Remember from the video, it takes more than 70 hours which is multiple days!)



The screenshot shows a website interface with a green navigation bar at the top containing a flask icon, the text "Science", a right-pointing chevron, a person icon, the text "Plants", another right-pointing chevron, and the text "Parts of a Plant". Below the navigation bar is a yellow rectangular area featuring a cartoon robot character on the left and the text "Picture Maker" on the right. At the bottom of the yellow area, there is a line of text: "Click on a background, then drag the different parts to create your own special plant."

MORE Practice on your own:

3.

Celery Experiment

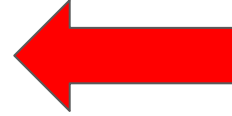
You'll need:

- a clear cup
- water
- food coloring
- a celery stalk with leaves



Name: _____

1. Fill the cup halfway with water.
Add a few drops of food coloring.
2. Have an adult trim the bottom of the stalk.
Stick the stalk in the cup.
3. Leave the celery stalk in the cup overnight.



Observe the celery the next day. How do the stem and leaves look?

Remove the celery and dry it off. Look closely at the root end. What do you see?

Have an adult slice a few pieces of the celery. What do you see?

Click on this picture and complete the celery experiment at home!

Self Check:

Go tell someone in your home your answers.



1. Was this lesson

- easy
- just right
- hard

2. Match the function of the plant with the plant part.

Stem

a. I am the anchor of the plant. I hold the plant in the ground. I draw water and nutrients from the soil.

Root

b. I hold up a plant's leaves, flowers and fruit. I contain tubes that move water through the plant.

Leaf

c. I help to make a plant's food. I help to control the amount of water held in the plant.

Flower

d. I make pollen. I am attractive to insects and animals. When I am pollinated seeds form.

Answers for Self Check

- Stem
- Root
- Leaf
- Flower
- a. I am the anchor of the plant. I hold the plant in the ground. I draw water and nutrients from the soil.
- b. I hold up a plant's leaves, flowers and fruit. I contain tubes that move water through the plant.
- c. I help to make a plant's food. I help to control the amount of water held in the plant.
- d. I make pollen. I am attractive to insects and animals. When I am pollinated seeds form.
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