



CLASS 3 EVS · 2026-27

Parts of a plant, and what each one does

Plants

46

QUESTIONS

20

MINUTES

4

EXERCISES

This belongs to _____ Date _____

WHAT YOU'LL GET GOOD AT

- Names the main parts of a plant and states the job of each
- Explains what would happen if one part were damaged
- Sorts everyday plants we eat by the part we actually eat

Take your time, and have a go at every one. If you get stuck, look at the orange box — Ollie has already done one for you.

Parts of a plant, and what each one does

Plants · 46 questions · tick each box as you finish

Exercise 1 of 4 · 10 questions Match the part of the plant to the job it does.



MATCH THE PAIRS

HERE'S ONE DONE FOR YOU

Root -> holds the plant in the soil and takes in water. Two jobs, not one, and Class 3 answers are expected to give both. A useful check for your child: if the answer is only three words long, something has probably been left out.

1) Root

2) Stem

3) Leaf

4) Flower

5) Fruit

6) Seed

7) Branch

8) Bud

9) Root hair

10) Petal

Exercise 2 of 4 · 10 questions What would happen? Answer in one sentence.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

A plant kept in a dark cupboard -> it would turn pale and weak because the leaves cannot make food without sunlight. Notice the answer has two halves: what happens, and why. Class 3 gives the mark for the 'because', and children almost always write only the first half.

1) A plant is kept in a dark cupboard for two weeks.

2) The roots of a plant are cut off.

3) All the leaves are pulled off a plant.

4) A plant is not watered for many days.

5) A plant is kept near a window on one side only.

6) A plant is watered with far too much water every day.

7) All the flowers are picked off a plant before they become fruit.

8) A plant is grown in sand instead of soil.

9) The petals of a flower are removed before insects visit it.

10) A seed is kept in a sealed tin for a year.

Exercise 3 of 4 · 16 questions Which part of the plant do we eat? Write root, stem, leaf, flower, fruit or seed.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

carrot -> root. It grows under the ground and it is the part that takes in water, so it is a root. Potato is the one children get wrong most - it grows underground too, but it is a swollen stem, not a root. That single exception is worth telling your child before they start.

1) carrot

2) spinach

3) mango

4) cauliflower

5) sugarcane

6) rice

7) potato

8) coconut

9) radish

10) cabbage

11) banana

12) broccoli

13) ginger

14) gram (chana)

15) beetroot

16) coriander leaves

Exercise 4 of 4 · 10 questions Write True or False. If it is false, write the correct sentence. ☐

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Roots make food for the plant. -> False. Roots take in water; leaves make the food. When an answer is false, Class 3 expects the corrected sentence too, not just the word False. Half the mark is in the correction.

1) Leaves make food for the plant.

2) Roots make food for the plant.

3) A potato is a root.

4) Every flower becomes a fruit.

5) Plants need sunlight, water and air to grow.

6) A seed can grow without water.

7) The stem carries water from the roots to the leaves.

8) Money plant can grow in water alone.

9) All plants have flowers.

10) Green leaves need sunlight to make food.

**All done? How did that feel?**

Colour in a star. Three stars means you could teach it to someone else.



Tricky · Getting there · Easy now



Answer key

For grown-ups

Parts of a plant, and what each one does · keep this page back until your child has finished.

1. Match the part of the plant to the job it does.

- 1) Root - holds the plant in the soil and takes in water
- 2) Stem - carries water up and holds the plant straight
- 3) Leaf - makes food for the plant using sunlight
- 4) Flower - the part that becomes a fruit
- 5) Fruit - holds and protects the seeds
- 6) Seed - grows into a new plant
- 7) Branch - carries the leaves and flowers away from the stem
- 8) Bud - a young flower or leaf that has not opened yet
- 9) Root hair - the thin threads that actually take in the water
- 10) Petal - the coloured part of a flower that attracts insects

2. What would happen? Answer in one sentence.

- 1) It would turn pale and weak because the leaves cannot make food without sunlight.
- 2) It would fall over and dry up because it cannot take in water or hold itself in the soil.
- 3) It could not make food, so it would slowly weaken and die.
- 4) It would droop and dry up because the roots have no water to take in.
- 5) It would bend and grow towards the window, because plants grow towards light.
- 6) The roots would rot, because they need air in the soil as well as water.
- 7) It would make no fruit and no seeds, because fruit grows from the flower.
- 8) It would grow poorly, because sand holds very little water and few of the things a plant needs.
- 9) Fewer insects would come, so the flower may not become a fruit.
- 10) Nothing - it would stay a seed, because it had no water, air or warmth to grow.

3. Which part of the plant do we eat? Write root, stem, leaf, flower, fruit or seed.

- 1) root
- 2) leaf
- 3) fruit
- 4) flower
- 5) stem
- 6) seed
- 7) stem
- 8) fruit
- 9) root
- 10) leaf
- 11) fruit
- 12) flower
- 13) stem
- 14) seed
- 15) root
- 16) leaf

4. Write True or False. If it is false, write the correct sentence.

- 1) True.
- 2) False - roots take in water; leaves make the food.
- 3) False - a potato is an underground stem.
- 4) False - only a flower that is pollinated becomes a fruit.
- 5) True.
- 6) False - a seed needs water, air and warmth to grow.
- 7) True.
- 8) True.
- 9) False - ferns and mosses have no flowers.
- 10) True.

WHILE YOUR CHILD WORKS

- The 'because' half of every answer is where the marks are. If your child writes only what happens, ask 'why?' and let them add it themselves.
- Potato catches almost every child - underground but a stem, not a root. Say it once before they begin rather than marking it wrong afterwards.
- If you have a plant at home, point at the parts while doing this. Two minutes of that beats ten of diagrams.



Spotted a gap while marking?

A free assessment is one live class with a matched teacher - no card, nothing to cancel. Afterwards you get an honest note on what they noticed.

[Book a free assessment - scholur.com/contact](https://scholur.com/contact)