

## What do you know about angiosperms?

### 1 Read and choose TRUE or FALSE.

1. They do not produce fruits:  
TRUE      FALSE
2. They usually have beautiful flowers:  
TRUE      FALSE
3. They produce fruits with seeds inside:  
TRUE      FALSE
4. The seeds are grouped together in cones:  
TRUE      FALSE
5. They can be grasses, bushes or trees:  
TRUE      FALSE
6. Apple trees and clovers (trébol) are angiosperms.  
TRUE      FALSE
7. Fir trees (abetos) belong to this group.  
TRUE      FALSE.



### 2. Do you know the parts of the flower?

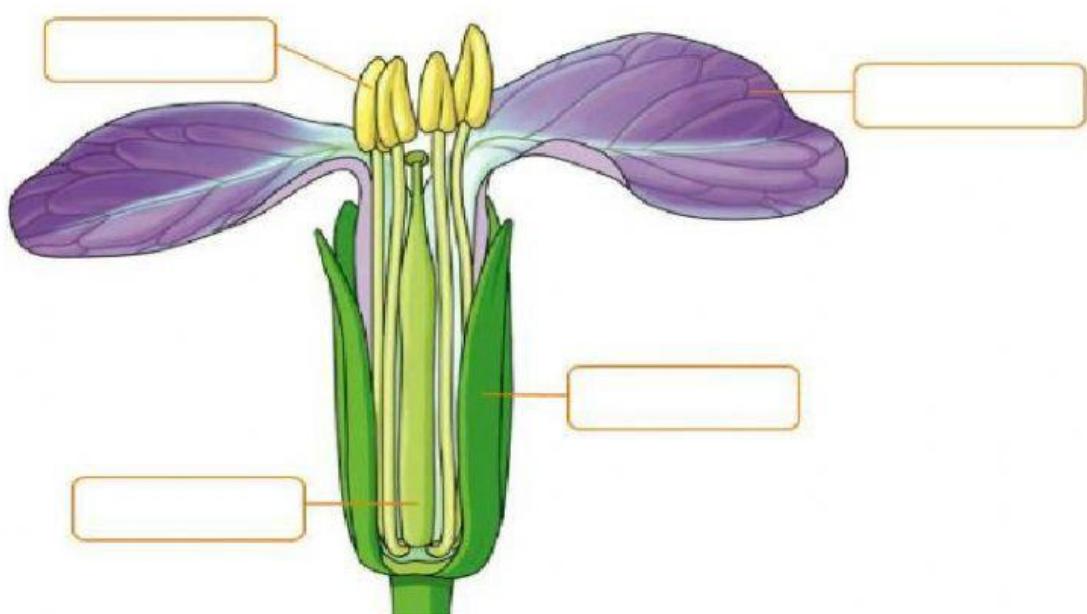
Write the correct label for each part of the flower:

STAMEN

SEPAL

PETAL

PISTIL



**3. Join with a line.**

- a. Leaves take in... • through the xylem vessels.
- b. Elaborated sap is distributed... • transforms into elaborated sap.
- c. Plants absorb water and minerals... • through the phloem vessels.
- d. During photosynthesis, raw sap... • through the roots.
- e. Raw sap travels up... • sunlight and carbon dioxide.

**4. Plant nutrition.**

**Read and complete the text with the correct option.**

Plants make their own food through a process called  ▾.

To do this, plants need: water, mineral salts, sunlight and  ▾.

Plants absorb water and mineral salts through their roots. This mixture is called  ▾.

Sunlight and carbon dioxide are absorbed by the  ▾.

With these ingredients, plants make  ▾. This is food for the plant.

Plants release  ▾ as a waste product of this process.

## **5. Show how much you know about plants.**

Read the questions and select the correct answer.

### **1. What are the functions of roots?**

- a.** They fix the plant to the ground and absorb water and other substances from the soil.
- b.** They support the plant and transport water and other substances throughout the plant.

### **2. During the day, plants release oxygen as a result of...**

- a.** Respiration.
- b.** Photosynthesis.

### **3. In flowers, pollen is produced in....**

- a.** The pistil.
- b.** The stamens.

### **4. The part of a potato which is used for reproduction is the...**

- a.** Bulb.
- b.** tuber.

### **5. What are the two main groups of flowering plants?**

- a.** Gymnosperms and angiosperms.
- b.** Angiosperms and ferns.

## **6. Read the definitions and write the words.**

Read the definitions and write the words.

- a.** This green substance in leaves traps sunlight. \_\_\_\_\_
- b.** A mixture of water and minerals absorbed by plants. \_\_\_\_\_
- c.** Tubes that transport raw sap up the stem to the leaves. \_\_\_\_\_
- d.** Plant food produced during photosynthesis. \_\_\_\_\_
- e.** Tubes that transport elaborated sap to all parts of the plant. \_\_\_\_\_

## 7. Read and complete the text.

waste product    carbon dioxide    respiration    stomata

Plants exchange gases during photosynthesis and a. \_\_\_\_\_. This gas exchange happens through tiny openings in the leaves called b. \_\_\_\_\_. During photosynthesis, plants absorb c. \_\_\_\_\_ from the air. Plants release oxygen as a d. \_\_\_\_\_.

## 8. Read and write the correct stage of sexual reproduction in angiosperms

germination    fertilisation    seed dispersal    pollination

- a. A grain of pollen reaches an ovule in the ovary. \_\_\_\_\_
- b. Pollen travels from one plant to another plant. \_\_\_\_\_
- c. Seeds are dispersed by animals, wind or water. \_\_\_\_\_
- d. The seeds reach the ground and new plants grow. \_\_\_\_\_

## 8. Match the definitions to the words.

- a. A green substance in leaves that traps sunlight.
- b. A mixture of water and minerals which plants absorb from the soil.
- c. Tubes that transport raw sap up the stem to the leaves.
- d. A substance produced during photosynthesis. It is the plant's food.
- e. Tubes that transport elaborated sap to all parts of the plant.

phloem vessels

elaborated sap

raw sap

xylem vessels

chlorophyll