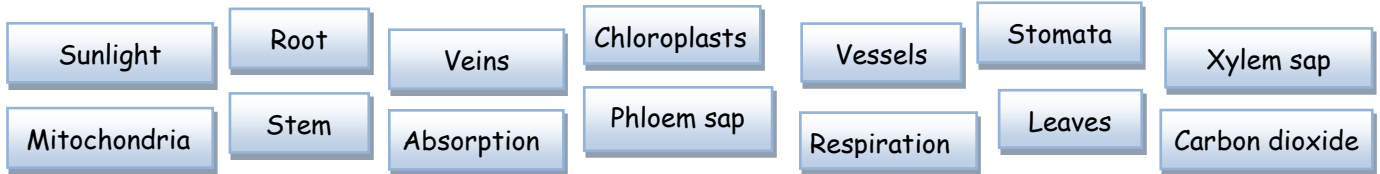




**1. Listen and complete the text with the following words. Be careful! Some words are missing in the list.**



**Plant nutrition**

Plants are ..... organisms. Most of them have organs specialised in exchanging matter with the environment and in transporting substances.

**a) Obtaining nutrients**

Plants make organic nutrients through photosynthesis, from ..... and carbon dioxide and thanks to the energy of .....

- **The ..... of water and mineral salts.** Plants absorb water, with diluted mineral salts from the ground. This is done through cells called ..... hair cells. The mixture of water and ..... absorbed by the root is called .....
- ..... **(CO<sub>2</sub>) absorption.** CO<sub>2</sub> enters the plant mainly through some very small pores called ....., these are found on the underside of .....
- ..... Photosynthesis takes place in the ..... of the cells. The ..... nutrients (sugars, lipids and proteins) produced by photosynthesis, mix with the water in the leaf and form the .....

**b) .....**

In order to respire the plant absorbs ....., mainly through the stomata and the root hair cells, and uses it in its ..... to get ..... from the carbohydrates produced in photosynthesis.

**c) Substance distribution**

Substances in the plant are transported through ..... which run along the ....., the branches and the leaf.....:

Some take xylem sap from the roots to the green parts. Others distribute the phloem sap throughout the plant.

**d) Eliminating waste matter**

The oxygen from photosynthesis is eliminated through stomata, as well as the CO<sub>2</sub> from respiration, and excess water (as vapour). The CO<sub>2</sub> is also eliminated through the root hairs.