

4. PLANTS (PHOTOSYNTHESIS)

1. Order the stages of photosynthesis.

The roots absorb water and minerals from the soil.

From the stem, the water and minerals arrive in the leaves.

The glucose is transported around the plant through the phloem.

The water and minerals are transported up the stem through the xylem.

Solar energy helps to combine the water, minerals and carbon dioxide.

Oxygen and glucose is processed.



1
2
3
4
5
6

2. Match the words to their definitions.

phloem	●	●	A green substance in plants that absorbs solar energy.
chlorophyll	●	●	Tubes through which minerals and water are transported up the stem.
autotroph	●	●	Tubes through which glucose is transported around the plant.
xylem	●	●	Tiny pores through which leaves absorb carbon dioxide.
stomata	●	●	A living thing that produces its own food.

3. Choose the correct option.

During the day, plants take in and some , and they also release the they don't need. During the night, plants cannot perform photosynthesis, so they take in the they need for respiration, and release .

