

Vocabulary

Across

7. The process by which a plant produces carbohydrates using energy from sunlight, carbon dioxide from the air, water and nutrients from the soil
8. The green substance contained in the chloroplasts of plant leaves essential to the production of carbohydrates during photosynthesis
9. non-living
10. living

Down

1. A group of living organisms that, along with their abiotic environment, form a self-regulating system through which energy and materials are transferred
2. A structure enclosed (as by glass) and used for the cultivation or protection of tender plants
3. Amount of electromagnetic energy incident on a surface per unit time per unit area, ie: watts/m²
4. The first leaves on a seedling providing it with food until it can produce its own through photosynthesis
5. In this state the (average) rate at which resources (such as carbon dioxide) are consumed is balanced by the rate at which the resources are replaced
6. A very young plant grown from seed

