



Task 1: Unscramble the keywords about photosynthesis and write them in the box below

afel

gxoyne

soecugl

trewa

tohpoynseshsit

nhightsu

lclhrohoyp

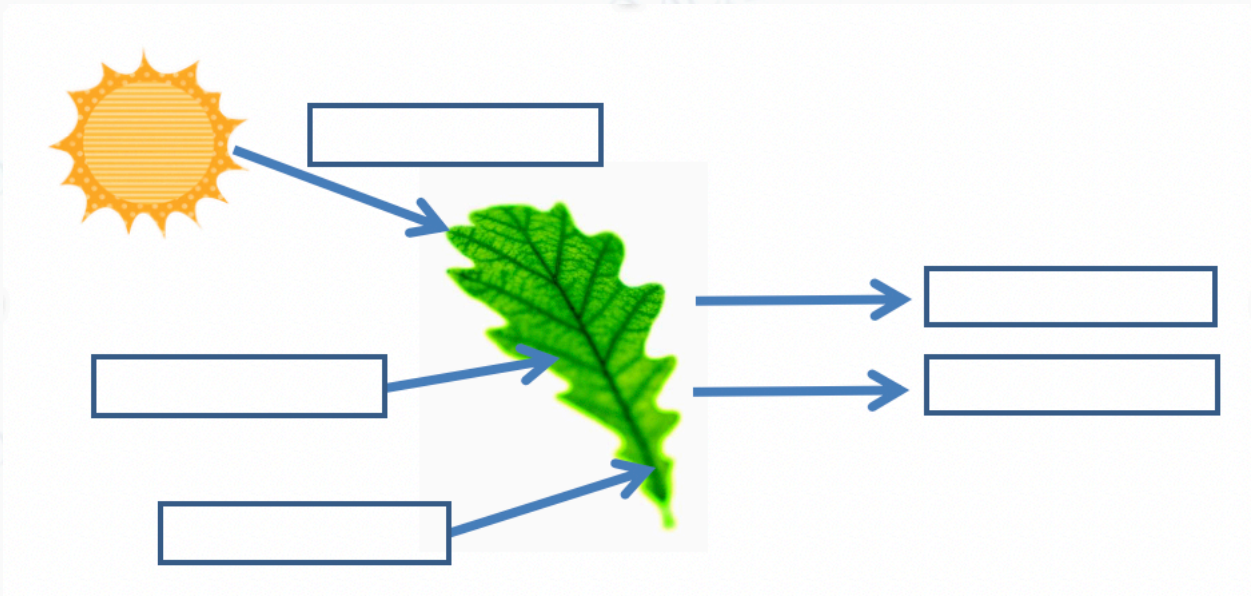
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Task 2: Complete the text below about photosynthesis.

- 1) All living things need e \_\_\_\_\_. Animals e \_\_\_\_ plants or other animals but p \_\_\_\_\_ feed in a different way.
- 2) Green plants can make their own food so we call them p \_\_\_\_\_. They make their own food by the process of p \_\_\_\_\_.
- 3) To make their own food plants need to absorb s \_\_\_\_\_ to make g \_\_\_\_\_ from w \_\_\_\_\_ and c \_\_\_\_\_ d \_\_\_\_\_. During this process a waste gas is also produced that is very useful to plants and animals for respiration. This is called o \_\_\_\_\_.
- 4) It is in the l \_\_\_\_\_ that most photosynthesis takes place. This is because there are lots of chloroplasts here that contain c \_\_\_\_\_. This is the chemical that makes the plant g \_\_\_\_\_. This chemical traps energy from the s \_\_\_\_ for photosynthesis.
- 5) The word equation for photosynthesis is:

c \_\_\_\_\_ d \_\_\_\_\_ + w \_\_\_\_\_ → g \_\_\_\_\_ + o \_\_\_\_\_

Task 3: Add labels to the diagram to show the reactants and products of photosynthesis.



Task 4: Answer these questions about photosynthesis.

1) What is the function of chlorophyll in photosynthesis?

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2) What are the two gases involved in photosynthesis? Which is a reactant, and which is a product of photosynthesis?

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3) How does the plant absorb water?

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4) Do you think a mushroom can photosynthesise? (Circle your answer)

yes

no

Explain your answer:

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5) Explain how the sun provides energy for both plants and animals.

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