

PHOTOSYNTHESIS FLOW CHART



ReForest London
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**adapted from The Forest Foundation's "Forests Today, Tomorrow & Forever"

WORD BANK

Roots: the network below ground that anchors the tree in the soil. Root hairs push their way through the soil and absorb moisture and minerals from the soil.

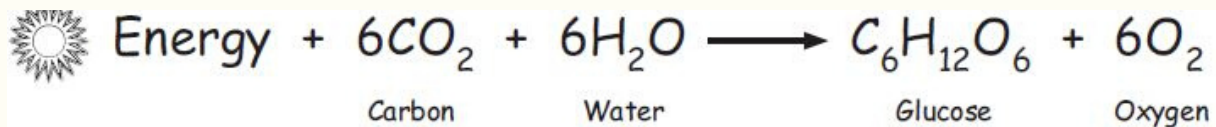
Chlorophyll: the green substance found in leaves and needles that captures the sun's energy

Photosynthesis: the process of channeling energy from the sun by means of chlorophyll and converting the carbon dioxide in the air to produce nutrients for the tree and oxygen.

Oxygen: an element found freely in nature that is needed for humans and animals to be able to breathe

Carbon Dioxide: colorless, odorless gas that is formed during respiration, and organic decomposition

There is an official equation for the changing of energy during Photosynthesis



Use the Word bank AND the equation above to help fill in the blanks in the photosynthesis flow chart below.

Bonus question: what leaf is in the middle of the flow chart?

hint: this tree produces acorns



Bonus answer: Oak Tree leaf

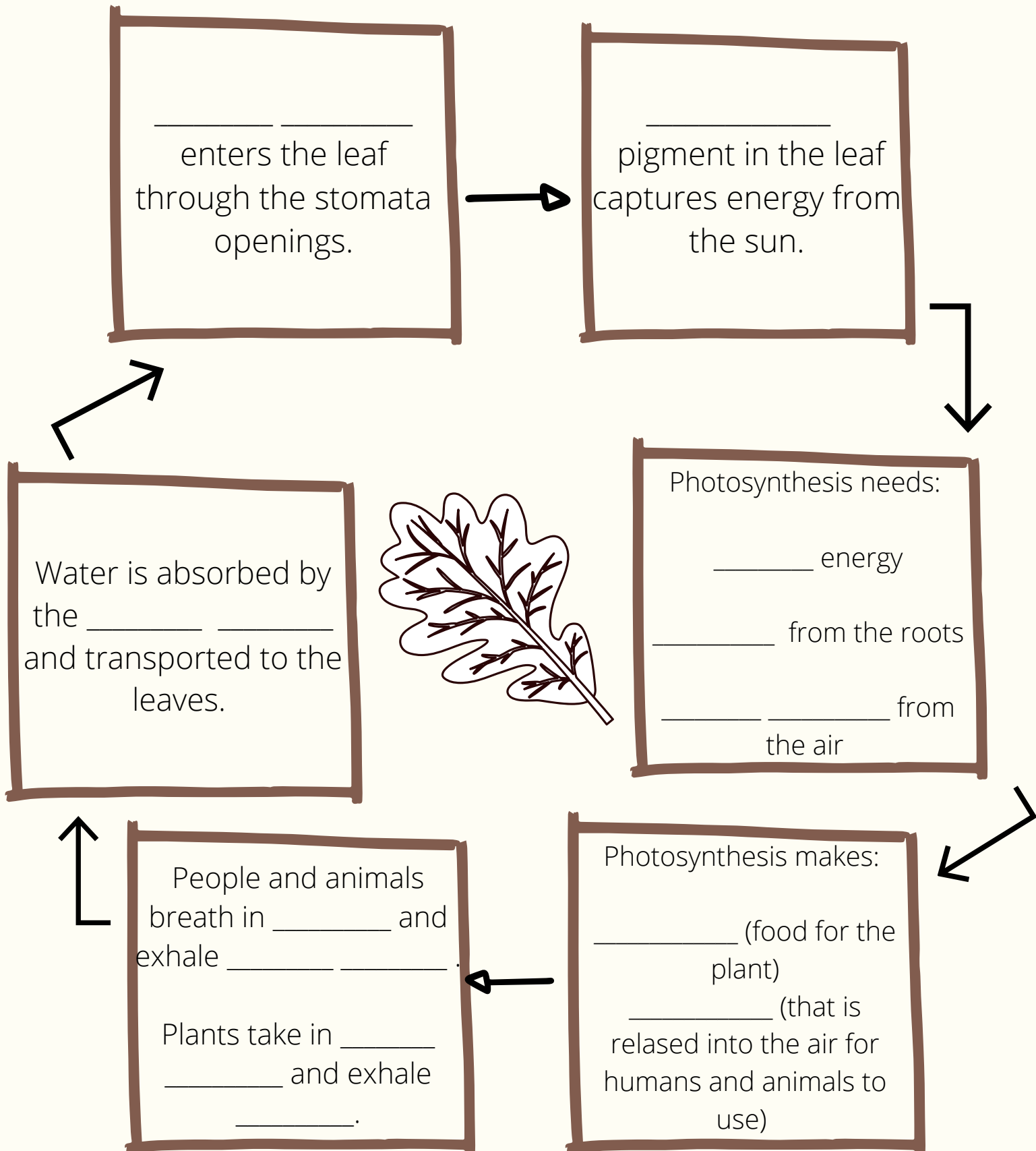
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ANSWERS FOR THE FLOW CHART

