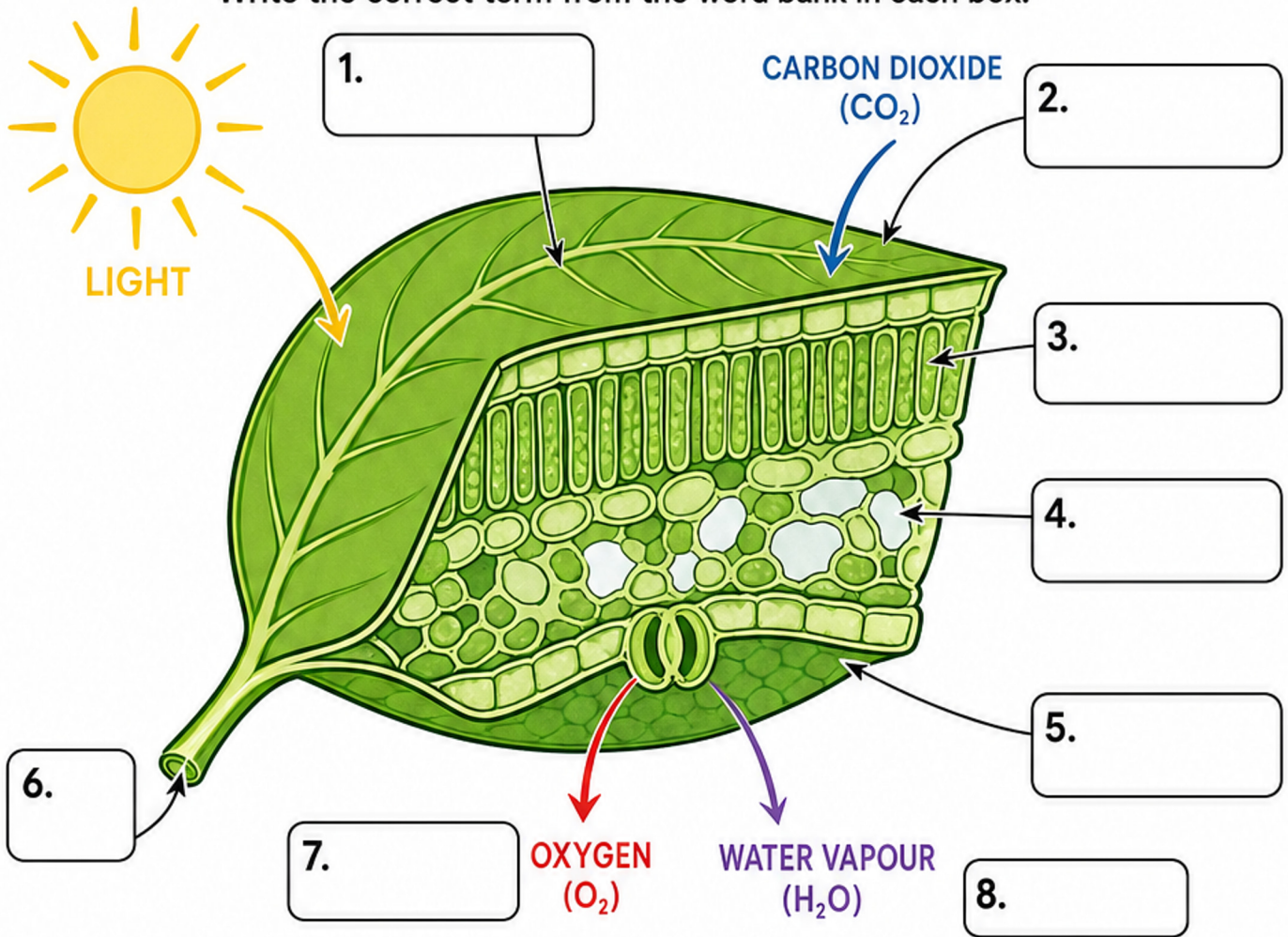








Photosynthesis

Leaf Diagram Labels







Write the correct term from the word bank in each box.



WORD BANK

 Upper Epidermis	 Palisade Mesophyll	 Spongy Mesophyll	 Stomata (Guard Cells)	
 Leaf Stalk (Petiole)	 Lower Epidermis	Carbon Dioxide (CO ₂)	Oxygen (O ₂)	Water Vapour (H ₂ O)

WHAT THEY DO

 Light	Provides energy for photosynthesis.
 Carbon Dioxide (CO ₂)	Enters the leaf through the stomata.
 Chloroplasts (in mesophyll cells)	Absorb light energy to make food.
 Oxygen (O ₂)	A gas released as a by-product.
 Water Vapour (H ₂ O)	Leaves the leaf through the stomata.
 Leaf Structures	Work together to carry out photosynthesis.