

sun	ATP	chemical reaction	photosystem II	green
atom	sugar	photon	C ₆ H ₁₂ O ₆	stomata
CO ₂	oxygen	food	stroma	glucose
respiration	green	photosystem I	electron	chlorophyll
molecule	Calvin cycle	Light reaction	red and blue	energy

CO ₂	food	sugar	C ₆ H ₁₂ O ₆	sun
stroma	oxygen	photosystem II	molecule	glucose
green	atom	chemical reaction	photon	thylakoid
red and blue	respiration	Calvin cycle	Light reaction	photosystem I
energy	ATP	green	water	carbon

thylakoid	CO ₂	red and blue	atom	oxygen
carbon dioxide	water	C ₆ H ₁₂ O ₆	sun	green
Light reaction	photosystem II	food	chemical reaction	energy
ATP	chlorophyll	molecule	photosystem I	sugar
carbon	respiration	glucose	stomata	Calvin cycle