

B	I	N	G	O
thylakoid	ATP NADPH and oxygen gas	ATP	NADPH	photosystem II
electron carrier	Calvin cycle	stroma	green light	stomata
C4	carbon reduction	FREE	CO2	carbon regeneration
red and blue	chlorophyll	photosystem I	six	Rubisco
Oxygen	electron transport chain	C6H12O6	electrons become excited	Autotrophs

B	I	N	G	O
stomata	C ₆ H ₁₂ O ₆	pigments	carbon reduction	C ₄
carbon regeneration	stroma	ATP NADPH and oxygen gas	thylakoid	green light
photosystem II	electron transport chain	FREE	Autotrophs	electrons become excited
Calvin cycle	NADPH	photon	thylakoid membrane	red and blue
CO ₂	photosystem I	ATP	electron carrier	sunlight

B	I	N	G	O
C6H12O6	water	thylakoid membrane	Calvin cycle	Autotrophs
pigments	green light	Light-independent reactions	ATP NADPH and oxygen gas	thylakoid
electron carrier	CO2	FREE	photosystem II	carbon regeneration
NADPH	electrons become excited	carbon reduction	Oxygen	photosystem I
sunlight	Light-dependent reaction	red and blue	chlorophyll	ATP