

# PHOTOSYNTHESIS

The process by which green plants and some other organisms use sunlight to synthesize nutrients from carbon dioxide and water

# CARBON FIXATION

The incorporation of carbon into organic compounds by living organisms, chiefly by photosynthesis in green plants

# CATALYSE

To cause or accelerate a reaction

# PHOTOIONISATION

The ejection of electrons from an atom, ion or molecule caused by the absorption of photons

# PHOTOLYSIS

The breakdown or  
separation of molecules  
by the action of light

# CALVIN CYCLE

A series of reactions,  
occurring during the  
light-independent stage  
of photosynthesis, in  
which glucose is  
synthesized from carbon  
dioxide