

BIOLOGY ENERGETICS CONCEPT REVIEW

active site

ADP-ATP cycle

amino acids

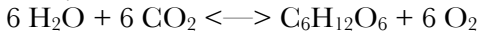
biosynthesis

capacity to do work

cellular work

chlorophyll

ciliary action



water + carbon dioxide \rightleftharpoons glucose + oxygen

cytoplasm *vs* mitochondria

degradation *vs* synthesis

diffusion / osmosis

Electron Transport Chain

endocytosis *vs* exocytosis

energy transfer

enzymes: protein catalysts

ethyl alcohol

eukaryotes / prokaryotes

facilitated diffusion

fermentation

final electron acceptor

glycolysis

heat

Kreb's Cycle

lactate / pyruvate

lipids

membrane transport

muscle contraction

NADP⁺

G3P

pH *vs* temperature

phosphate

photosynthesis

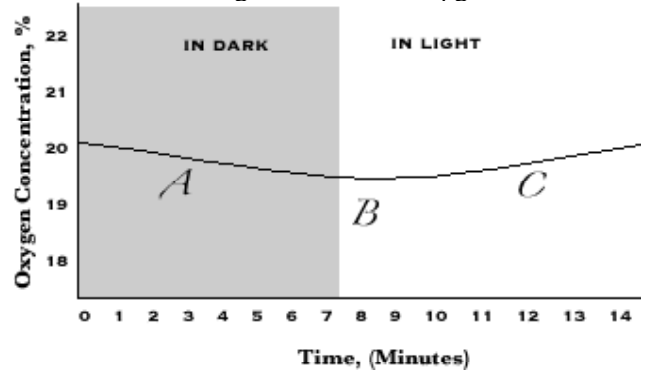
potential *vs* kinetic energy

reactants *vs* products

RuBP = ribulose biphosphate

substrate

Affects of Light on Plant/Oxygen Interaction



Affect of Temperature on Enzyme Activity

