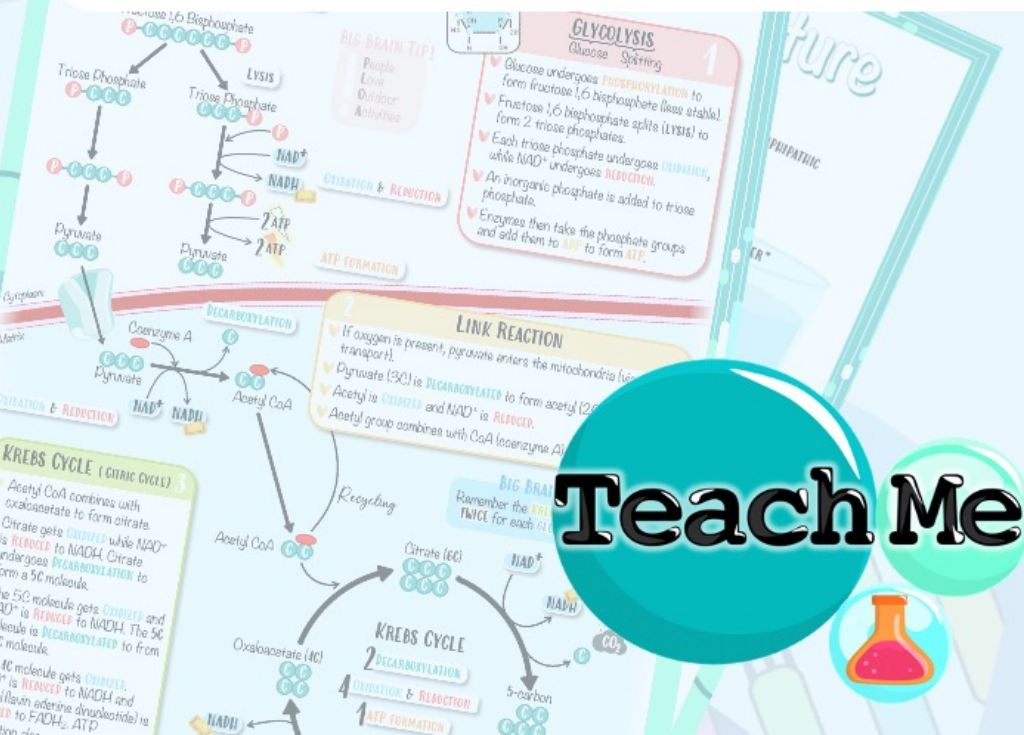


TeachMe

STUDY NOTES

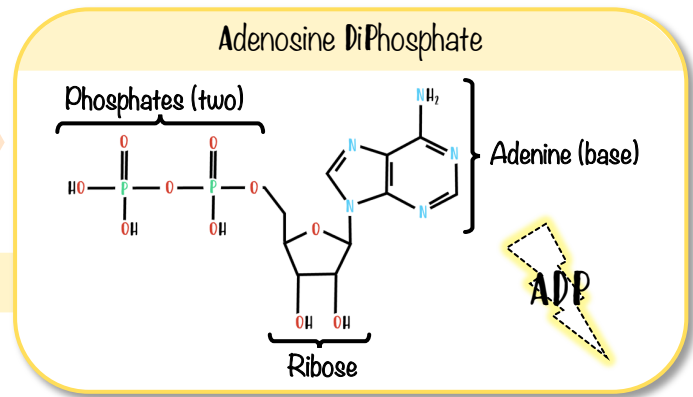
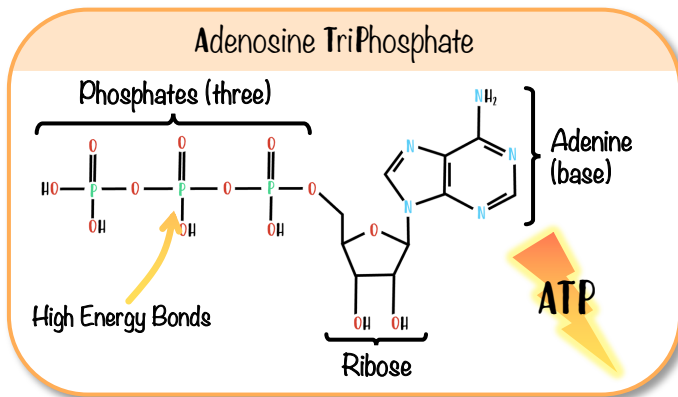
C1.2 CELL RESPIRATION



Teach Me

Cellular Respiration

CELLULAR RESPIRATION – Gradual breakdown of nutrient molecules such as glucose & fatty acids in a series of reactions that ultimately release energy in the form of **ATP**.



FUNCTIONS OF ATP

♥ Membrane Transport
Active transport

♥ Synthesis Of Macromolecules
Anabolism

♥ Movement Of Cell
Cilia or flagellum action

♥ Cell Component Movement
Such as chromosomes in mitosis or meiosis

Exergonic Reaction
(Energy released)

ATP

ADP

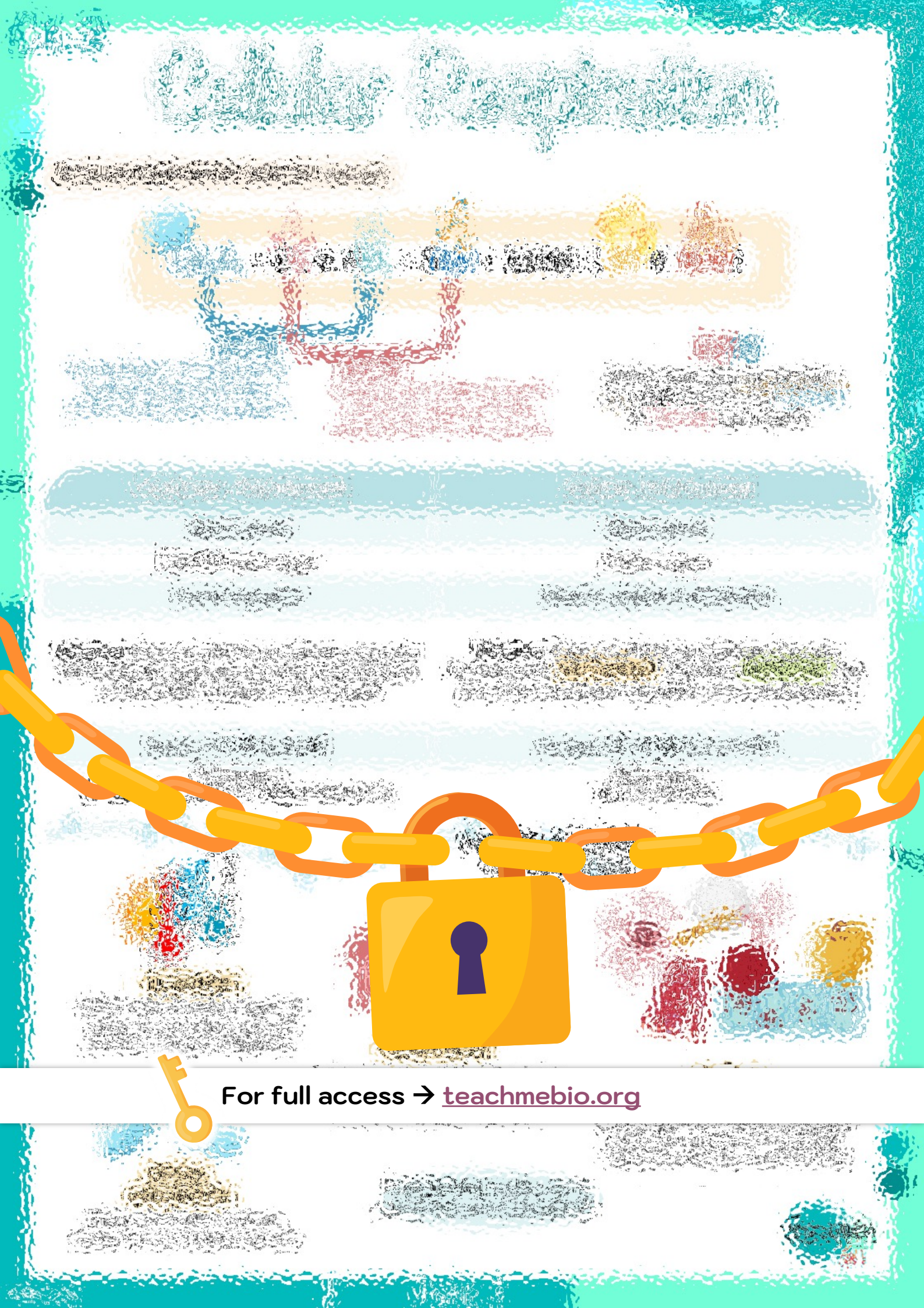
BIG BRAIN TIP!
You **DO NOT NEED** to know how to draw the structure of **ATP**.

+ P + Available Energy

Endergonic Reaction
(Energy stored)

PROCESS OF CELLULAR RESPIRATION

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A stylized illustration of a yellow padlock with a dark blue keyhole. The padlock is attached to a chain of yellow and orange links. The background features horizontal wavy lines in shades of blue and green, with a yellow border on the left and right sides.

