

Nucleus has 2 Jobs

- genetic control center
- store house for hereditary information

Mitochondria have their own set of DNA.

- you get Mams Mitochondria, so you get more DNA from mom

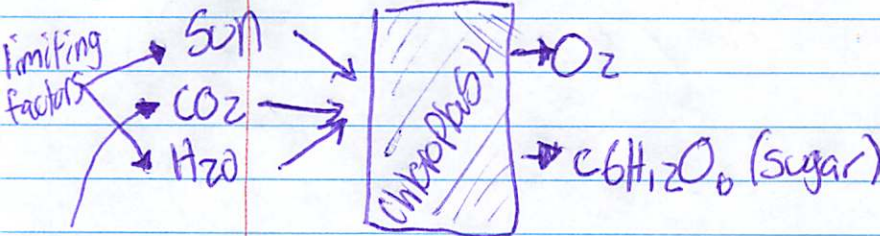
Lysosomes digest stuff.

Ribosomes - Protein Factories

Reads DNA code, makes amino acids together.

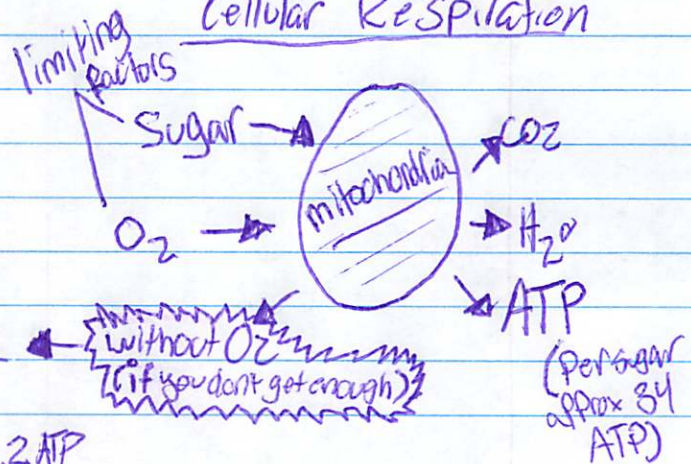
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Photosynthesis



this stays constant
(always available
NOT a limiting
factor)

Cellular Respiration



Fermentation
Lactic acid
Every sugar approx 2 ATP

Rainforest

water is no problem
Sunlight has to be competed for.
Shaped how plants look and grow

Feed
Plants
(crops)

C-3
efficient w/ sunlight not with water

Desert

CAM-C4
inefficient w/ sunlight
Greatly efficient with H₂O