Cellular Respiration

Where is energy stored?
Need to take that energy and make _____ this process of breaking down glucose is a _____reaction which means:
Photosynthesis is not catabolic it is_____ which means:
Redox Reactions Recap:

Overview: Draw:

Anaerobic Aerobic

Where:
Steps

3 STEPS :

Step ONE: GLYCOLYSIS

Overview GLYCOLYSIS (means to cut _____):
C
net ATP

Mitochondria: who else divides like that?
Why have a highly folded membrane?

3 Carbon Pyruvate goes from _____to _____and becomes:

STEP TWO: TCA

Now goes into a cycle (where else did we see a cycle?) This is called the_____or _____cycles.

Show the cycle:
2* why?

Net ATP
So what is the point?

STEP THREE: ETC:

ETC:
Net:
H becomes two: H+ and e- why?

What pulls the H+ down the ETC?

Draw:

What does the ETC do?

What does oxidative phosphorylation do?

What is chemiosmosis?
What are the four steps of the ETC?

Net ATP from 3 parts:
Glycolysis Krebs ETC

Other macromolecules:

Polysaccharides :

Proteins:

Fats:

FEEDBACK:

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