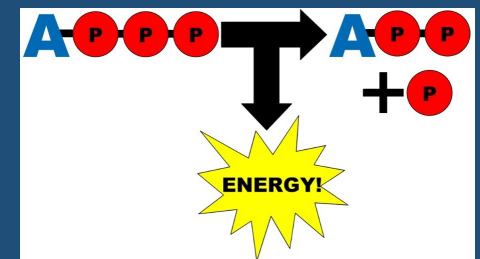
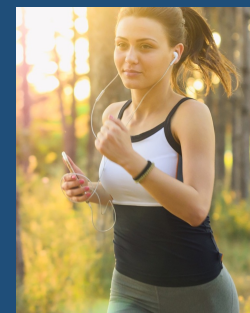
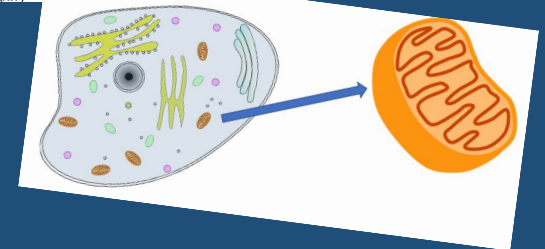
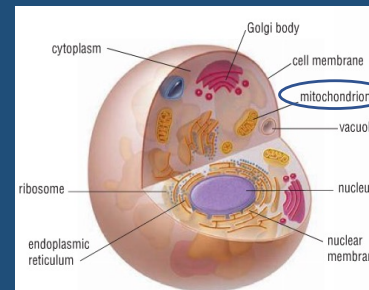
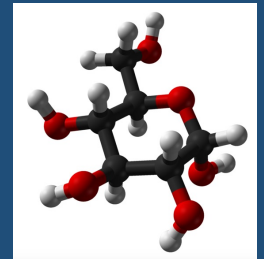
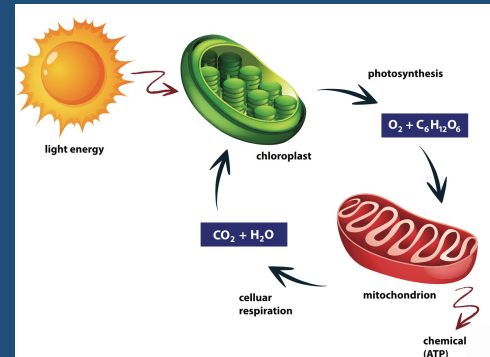


Cellular Respiration

- Energy and ATP – Cellular Currency
- What Cellular Respiration is
- Glucose and Cellular Respiration
- Mitochondria
- Application – Exercise
- Application – Cyanide
- Application – Rigor Mortis
- Photosynthesis and Cellular Respiration



Preview File

Please enjoy this preview of your Student Version of the presentation. Please note within this sample file:

- Some slides appear blank because they have been removed
- Student versions have portions of the text removed which is given in the teacher version and appear as _____ which the students are to fill in
- Other slides may have on them, this represents writing that has been removed on this sample

**The paid full version of your resource includes
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Google Classroom Ready**

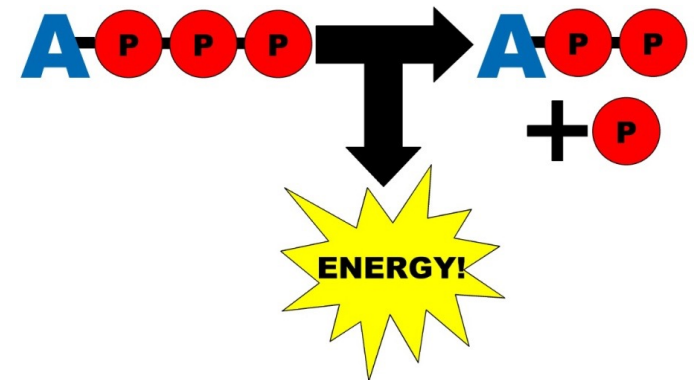


Cell Currency (Payment)

- Currency = Energy = ATP
- We use currency (money) every day to do things like buy food, pay bills, etc.

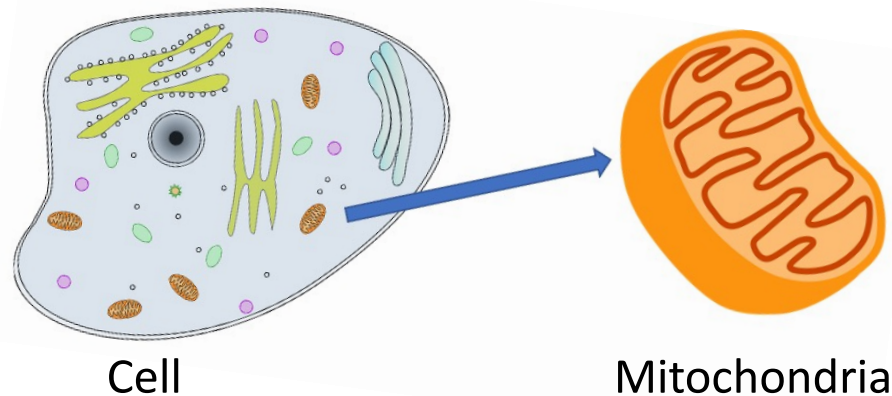


- _____



ATP (Energy/Currency for the Cell)

- _____
- _____
- ATP is created during cellular respiration inside the mitochondria



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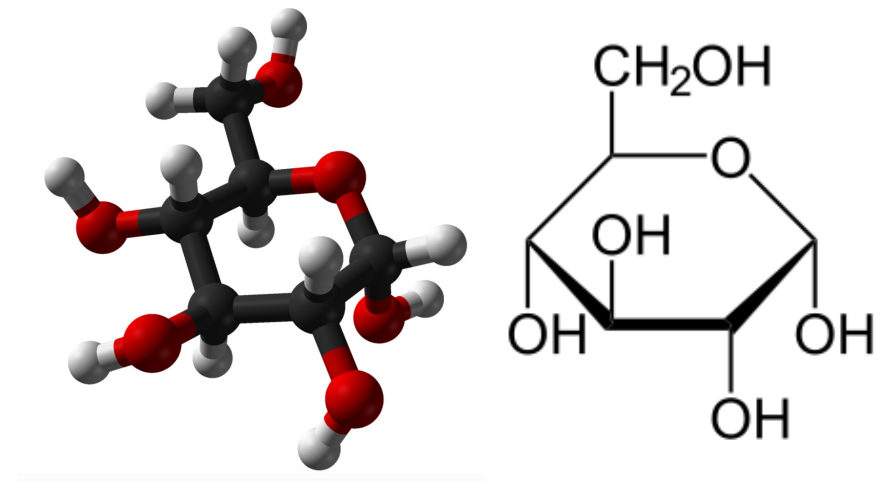
Cellular Respiration

Glucose is the most efficient source of fuel to make ATP however, cells may use other molecules if necessary.

- _____

- _____

- _____

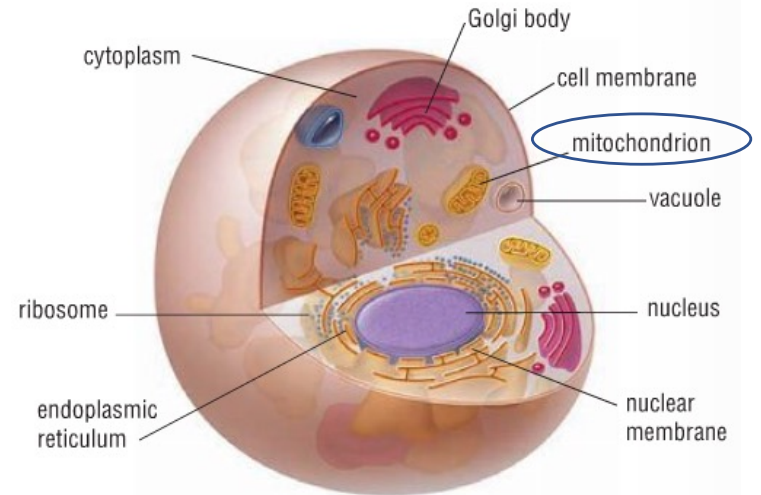
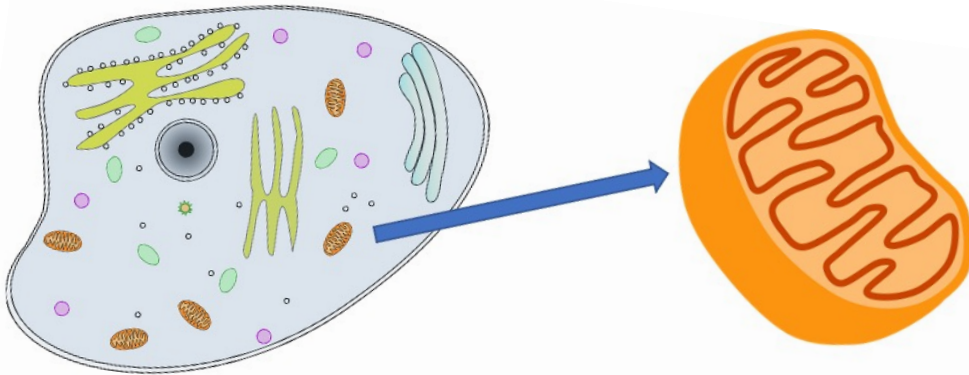


Glucose – $C_6H_{12}O_6$

Mitochondria

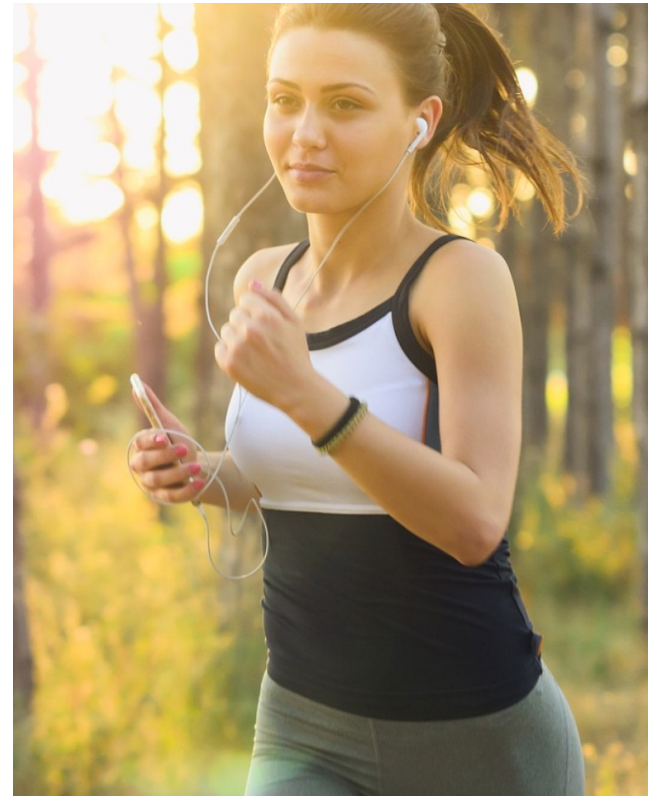
- Known as the “powerhouse of the cell”

- _____



Application - Exercise

Why do you think you start to breathe faster when you are exercising?



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REMOVED**

Application - Rigor Mortis

THE CONTENT ON THIS SLIDE HAS BEEN
REMOVED

Photosynthesis and Cellular Respiration

Photosynthesis

carbon dioxide + water $\xrightarrow{\text{light energy}}$ sugar + oxygen

Notice Anything?

sugar + oxygen $\longrightarrow$ carbon dioxide + water + energy

Cellular Respiration

Photosynthesis and Cellular Respiration

