

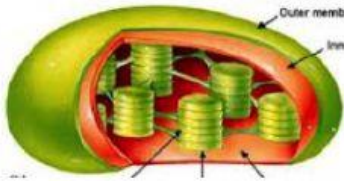
Photosynthesis and Cellular Respiration Reactions

Use each of the pieces to complete the reactions (reactants and products) for Photosynthesis, Cellular Respiration, and the ATP (energy) reactions. Each piece is used only once.

$C_6H_{12}O_6$



Sunlight




CO_2

O_2

H_2O

Glucose

Oxygen Gas

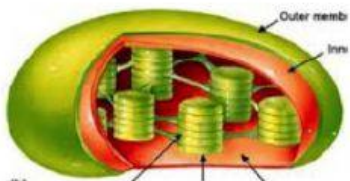
Water

Carbon Dioxide

1. Drag & Drop the organelle where **PHOTOSYNTHESIS** takes place here.

2. Using the **GREEN** pieces above, drag & drop the reactants and products for the **PHOTOSYNTHESIS** reaction in the space below.. Underneath the reaction, place the **YELLOW** squares below the formulas.






$C_6H_{12}O_6$

ATP

CO_2

Carbon Dioxide

Adenosine TriPhosphate

O_2

H_2O

Glucose

Oxygen Gas

Water

3. Use the pieces above to Drag & Drop the organelle where **CELLULAR RESPIRATION** takes place here.

4. Use the **GREEN** pieces above and Drag & Drop the reactants and products for **CELLULAR RESPIRATION** reaction into the space below
Underneath the reaction, place the **YELLOW** squares below the formulas.



ADP

ATP

Energy

Adenosine
DiPosphate

Adenosine
TriPosphate

5. Use the **GREEN** pieces above to drag and drop the reactants and products showing the **breakdown of ATP** below.
Underneath the reaction, place the **YELLOW** squares below the formulas.

