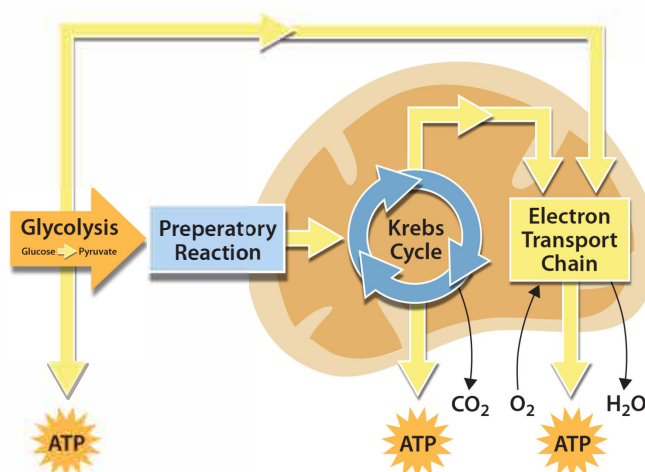


## Learn About Cellular Respiration

Using the word key below, fill in the blanks with the appropriate answers. Some answers may be used more than once.



### Word Key

Cytoplasm	Krebs Cycle	Electron Transport Chain
Electron Transport System	Glycolysis	Preparatory Reaction
Krebs Cycle	Chemiosmosis	Oxygen
	Water	Carbon Dioxide

- The glycolysis portion of respiration occurs in the \_\_\_\_\_ part of the cell.
- Cellular respiration starts with glycolysis, and also moves through \_\_\_\_\_ and \_\_\_\_\_.
- Oxygen is a substrate (input) during \_\_\_\_\_.
- The four parts of cellular respiration are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- During ATP synthase complex, when there is an unequal distribution across the cristae of H<sup>+</sup>, it is called \_\_\_\_\_.
- If there isn't enough \_\_\_\_\_ for respiration, then the electron transport chain will not function properly.
- \_\_\_\_\_ is what results when there is a loss of electrons.
- Aerobic cellular respirations give off waste of \_\_\_\_\_ or \_\_\_\_\_.

**Answer Key:**

1. Cytoplasm
2. Krebs Cycle, Electron Transport Chain
3. Electron Transport System (also acceptable Electron Transport Chain)
4. Glycolysis, Preparatory Reaction, Krebs Cycle, Electron Transport Chain
5. Chemiosmosis
6. Oxygen
7. Oxidation
8. Water or Carbon Dioxide