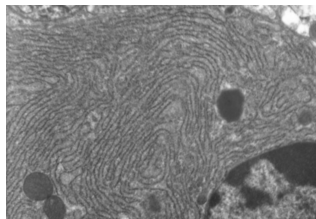
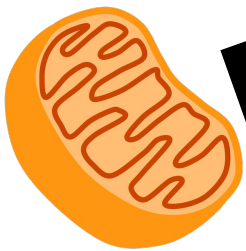


# Cell Organelle Matching Game

Grades 7-12



## Cytoplasm

### Main Location:

The gel-like substance that fills the entire interior of the cell, surrounding the cell's organelles. It is found in both eukaryotic and prokaryotic cells, serving as the medium in which many cellular activities take place.

### Cellular Metabolism:

The site where many reactions occur, including glycolysis, which is the initial step of cellular respiration, and various enzyme-catalyzed reactions involved in energy production and nutrient processing.

### Storage of Nutrients:

Stores essential nutrients and molecules required for cellular processes, such as glucose, amino acids, ions, and other small molecules.

### Cellular Transport:

Provides a medium for the movement of organelles and molecules within the cell.

### Cellular Support and Shape:

Provides structural support to the cell and helps maintain its shape. It allows the cell to resist mechanical forces and maintain its integrity.

### Main Location:

Located on the surface of certain types of cells in various tissues including the small intestine, kidneys, digestive tract, and respiratory tract. They are especially common in tissues involved in absorption and secretion processes.

**TW/F**

A fun and interactive way to learn and review cellular organelles. Perfect for grades 7-12 as you can use whichever cards best fits your classroom.

# Cell Organelle Matching Game

- 17 organelles are included
- Each organelle includes a main location and 4 functions
- Pick and choose to use any or all the organelles and their functions

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cytoplasm</b>                                                                                                                                                                                                                           | <b>Main Location:</b><br>The gel-like substance that fills the entire interior of the cell, surrounding the cell's organelles. It is found in both eukaryotic and prokaryotic cells, serving as the medium in which many cellular activities take place. |
| <b>Cellular Metabolism:</b><br>The site where many reactions occur, including glycolysis, which is the initial step of cellular respiration, and various enzyme-catalyzed reactions involved in energy production and nutrient processing. | <b>Storage of Nutrients:</b><br>Stores essential nutrients and molecules required for cellular processes, such as glucose, amino acids, ions, and other small molecules.                                                                                 |
| <b>Cellular Transport:</b><br>Provides a medium for the movement of organelles and molecules within the cell.                                                                                                                              | <b>Cellular Support and Shape:</b><br>Provides structural support to the cell and helps maintain its shape. It allows the cell to resist mechanical forces and maintain its integrity.                                                                   |

**TWF**

# Cell Organelle Matching Game

All cards are ready to go. Simply print, cut, (laminates?), and use.



**Microvilli**

**TW/F**

**Main Location:**

Located on the surface of certain types of cells in various tissues including the small intestine, kidneys, digestive tract, and respiratory tract. They are especially common in tissues involved in absorption and secretion processes.