

## Cell Organelle Crossword Puzzle



<p><b><u>WORD BANK</u></b></p> <ul style="list-style-type: none"> <li>• cell membrane</li> <li>• centriole</li> <li>• chloroplasts</li> <li>• chromatin</li> <li>• cytoplasm</li> <li>• endoplasmic reticulum</li> <li>• eukaryote</li> <li>• golgi apparatus</li> <li>• lysosome</li> <li>• mitochondrion</li> <li>• nucleolus</li> <li>• nucleus</li> <li>• prokaryote</li> <li>• ribosome</li> <li>• vacuole</li> </ul>	<table border="1" style="width: 100%; height: 400px; border-collapse: collapse;"> <tr> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px; text-align: center;">1</td> <td style="width: 20px;"></td> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px;"></td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px;"></td> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px;"></td> <td style="width: 20px; 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**ACROSS**

2. Small, dense region within most nuclei in which the assembly of proteins begins
6. Unicellular organism lacking a nucleus
7. Material inside the cell membrane- not including the nucleus
8. One of two tiny structures located in the cytoplasm of animal cells near the nuclear envelope
10. Thin, flexible barrier around a cell; regulates what enters and leaves the cell
11. In cells, structure that contains the cell's genetic material (DNA) and controls the cell's activities
12. Organism whose cells contain nuclei
13. Cell organelle that stores materials such as water, salts, proteins, and carbohydrates
14. Internal membrane system in cells in which lipid components of the cell membrane are assembled and some proteins are modified
15. Organelle unique mostly to plant cells that converts sunlight into usable energy for the cell

**DOWN**

1. Cell organelles filled with enzymes needed to break down certain materials in the cell
3. Granular material visible within the nucleus; consists of DNA tightly coiled around proteins
4. Cell organelle that converts the chemical energy stored in food into compounds that are more convenient for the cell to use
5. Stack of membranes in the cell that modifies, sorts, and packages proteins from the endoplasmic reticulum
9. Small particle in the cell on which proteins are assembled; made of RNA and protein