

Name: Key

## Cell Organelle Notes

### 1. Cell Membrane

- Main function: controls which materials enter + exit cell
- Function: keeps bad stuff out
- Nickname: Border Patrol
- Located in: Plant cell Animal Cell

### 2. Cell Wall

- Main function: supports + protects cell
- Function: \_\_\_\_\_
- Nickname: BRICK WALL
- Located in: Plant cell Animal Cell

### 3. Cytoplasm

- Main function: Jelly like substance that holds organelles in place
- Function: \_\_\_\_\_
- Nickname: JELLY
- Located in: Plant cell Animal Cell

### 4. Mitochondria

- Main function: Makes energy for the cell
- Function: \_\_\_\_\_
- Nickname: Power House
- Located in: Plant cell Animal Cell

### 5. Lysosomes

- Main function: digests food
- Function: Breaks down broken organelles, recycles them
- Nickname: Clean up crew

d. Located in: Plant cell Animal Cell

## 6. Vacuole

- a. Main function: stores food, water + waste for the cell
- b. Function: \_\_\_\_\_
- c. Nickname: Vacuum or Storage unit
- d. Located in: Plant cell Animal Cell

## 7. Golgi Bodies

- a. Main function: labels, sorts + ships out protein
- b. Function: uses vesicles to ship them out
- c. Nickname: UPS Headquarters
- d. Located in: Plant cell Animal Cell

## 8. Chloroplasts

- a. Main function: Uses sunlight to make food and energy
- b. Function: \_\_\_\_\_ for plant cell.
- c. Nickname: little green food machines
- d. Located in: Plant cell Animal Cell

## 9. Endoplasmic Reticulum

- a. Main function: transports protein to all parts of the cell
- b. Function: \_\_\_\_\_
- c. Nickname: Highway
- d. Located in: Plant cell Animal Cell

## 10. Nucleus

- a. Main function: controls all the activities of cell
- b. Function: protects DNA
- c. Nickname: control center or Big Boss
- d. Located in: Plant cell Animal Cell

## 11. Ribosomes

function: Makes protein  
nickname: protein factory

Located in: plant cell animal cell