Week 7 vocabulary

**mitochondria** - “powerhouses” of the cell – this organelle changes energy in food molecules to energy the cell can use to carry out its functions

**cell wall** - rigid (unbending) layer of nonliving material that surrounds the cells of plants and some other organisms

**ribosome** – organelle that functions as factories to produce proteins

**cell membrane** - in cells, without a cell wall, this forms the outside boundary that separates the cell from its environment. It controls what substances come into and out of a cell.

**cytoplasm** - region between the cell membrane and the nucleus

**chloroplast** - organelle that captures energy from the sunlight and uses it to produce food for the cell

**endoplasmic reticulum**- passageways that carry proteins and other materials from one part of the cell to another

**Golgi body**- receives proteins and other newly formed materials from the endoplasmic reticulum, packages them, and distributes them to other parts of the cell.

**lysosomes**- small, round structures containing chemicals that break down certain materials in the cell.

**vacuole**- storage area of the cell

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