Cell Organelles

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| **Across**  **2.** Gathers simple molecules and sorts and packages them into more complex molecules.  **3.** Flexible material that is used to hold the parts of an animal cell together.  **5.** The power house of the cell where nutrients are digested and energy is created for the cell, and it is responsible for cellular respiration.  **10.** Sphere shape in the nucleus that makes ribosomes for the ER.  **11.** Any of a number of organized or specialized structures within a living cell.  **13.** The smallest structural and functional unit of an organism  **14.** Two organelles that work to help the cell divide.  **15.** Important in the creation of lipids and hormones, and transports them throughout the cell. | **Down**  **1.** A protein manufacturing and packaging system that has ribosomes attach to its surface.  **4.** These connect amino acids to build proteins that are needed for cell funtions.  **6.** Controls all cell activity.  **7.** Used to digest food and remove cell waste.  **8.** A rigid layer lying outside the plasma membrane of the cells of plants.  **9.** Storage bin where food nutrients and waste are kept.  **12.** The fluid of dissolved molecules that fillls the cell and suspends organelles. |