Cell-abration Vocabulary

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| **Vocabulary Term** | **Definition** |
| 1. Euglena | single-celled flagellate protist |
| 1. Amoeba | single-celled pseudopod protist |
| 1. Paramecium | single-celled ciliated protist |
| 1. Volvox | Multi-cellular green algae |
| 1. Organelle | specialized subunit within a cell that has a specific function. |
| 1. Cell Membrane | a biological membrane that separates the interior of all cells from the outside environment |
| 1. Cell Wall | a very tough, flexible and sometimes fairly rigid layer that surrounds some types of cells, such as plant cells |
| 1. Nucleus | a central organelle of an eukaryotic cell, containing the cells DNA |
| 1. Nuclear Envelope | the membrane surrounding the nucleus |
| 1. Mitochondria | organelle that supplies energy to the cell |
| 1. Cytoplasm | Jelly-like fluid that surrounds all the organelles of the cells |
| 1. Chloroplasts | organelle that conducts photosynthesis |
| 1. Ribosome | organelle that produces proteins |
| 1. Cell | a scientific theory which describes the properties of cells |
| 1. Eukaryote | cells contain nucleus |
| 1. Prokaryote | cells don’t contain nucleus |
| 1. Cell Theory | basic unit of life |
| **Vocabulary Term** | **Definition** |
| 1. Eyespot | Detects light in autotrophs/producers |
| 1. Pseudopod | moves cytoplasm for locomotion |
| 1. Flagella | tail like structure for locomotion |
| 1. Cilia | hair like structures for locomotion |
| 1. Vacuoles | enclosed compartments which are filled with water and other molecules |
| 1. Tissue | a group of biological cells that perform a similar function- Muscle Tissue |
| 1. Organ | a collection of different tissues joined to serve a common function- Liver |
| 1. System | a group of organs that work together- Digestive System |
| 1. Heterotroph | “different feeder”- must obtain food from consuming other organisms- Consumer |
| 1. Autotroph | “self feeder”- can produce its own energy- Producer |
| 1. Phagocytosis | engulfs organisms for food |
| 1. Osmosis | Diffusion of water through semi-permeable membrane |
| 1. Diffusion | net movement of a substance |
| 1. Endoplasmic Reticulum- smooth vs rough | organelle that makes and exports proteins and membrane lipids (Rough- contain Ribosomes; smooth- no ribosomes). |
| 1. Golgi Apparatus | organelle that packages proteins inside the cell before they are sent to their destination |
| 1. Lysosome | organelle that acts as waste disposal system of the cell by digesting unwanted materials. |