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. |