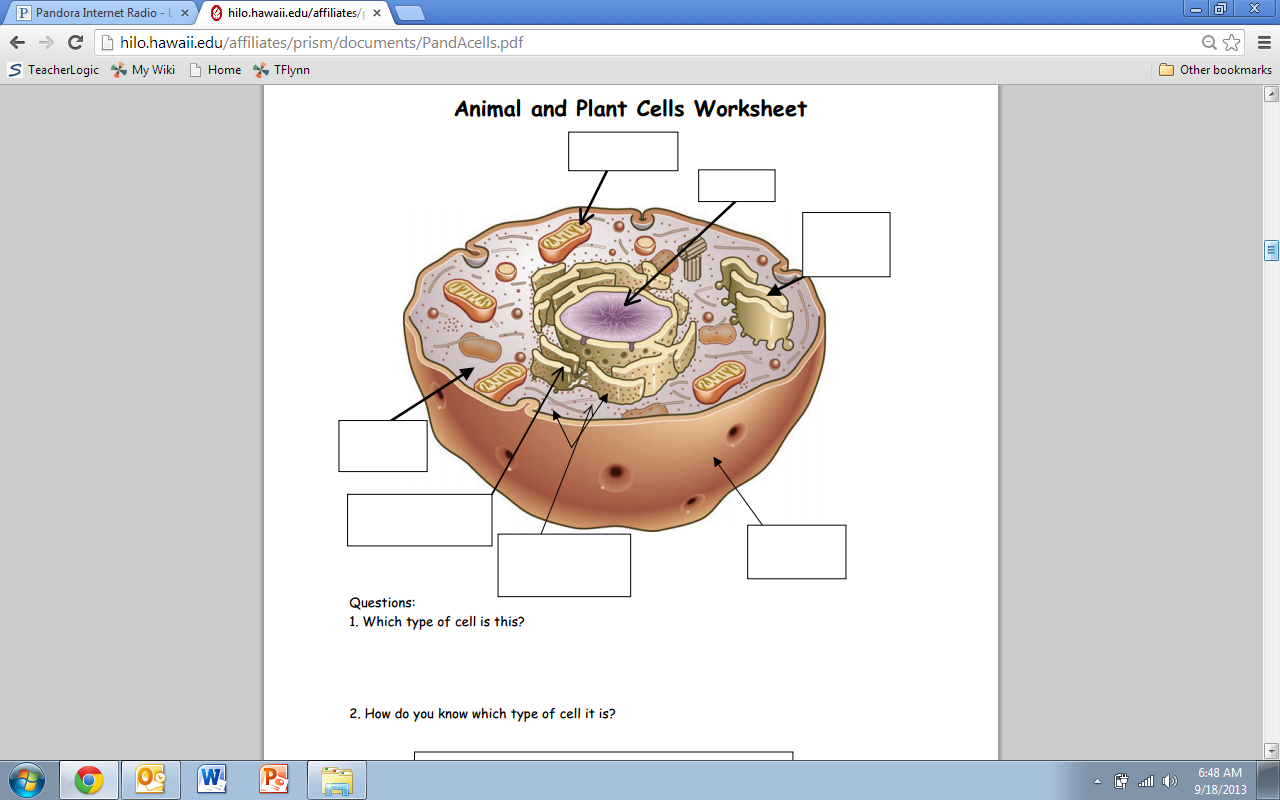
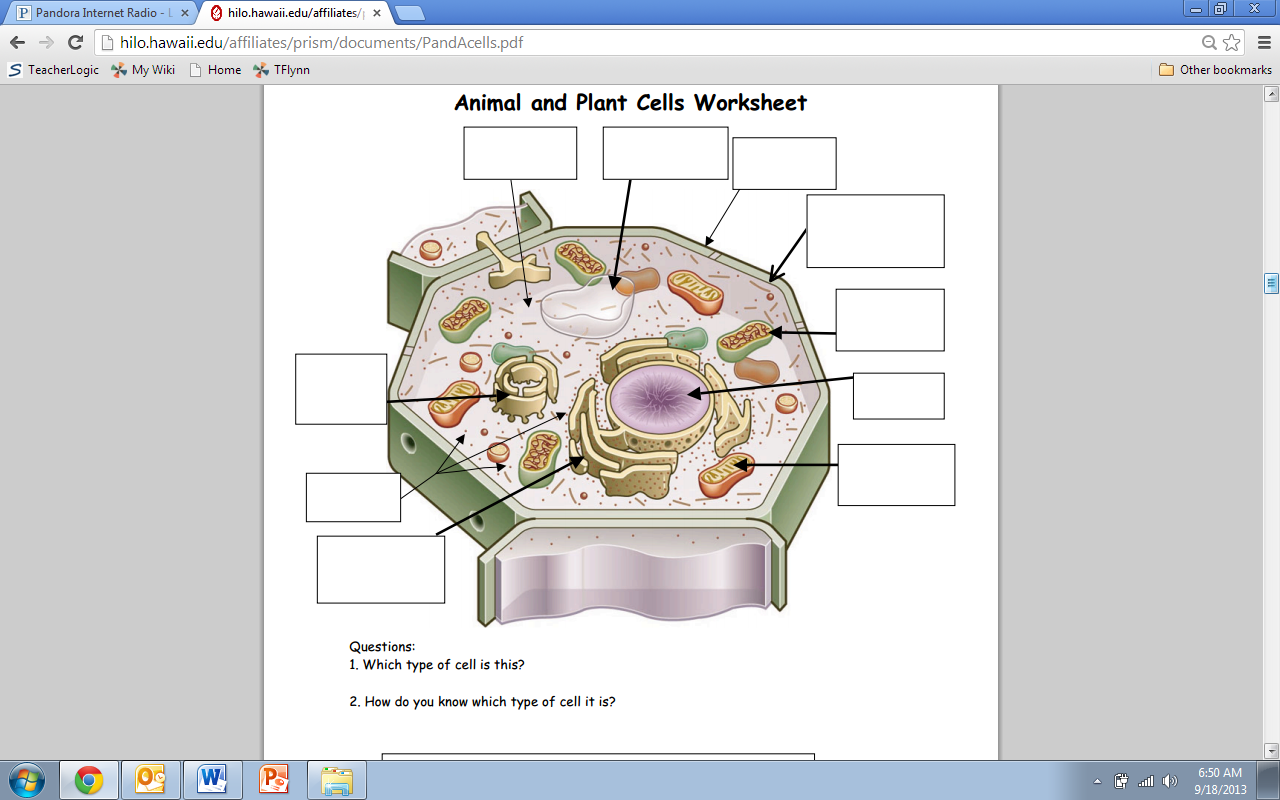
**Activity: Is It A Plant Or An Animal?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell



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| --- | --- | --- |
| **Name** | **Description** | **Function** |
| Cell Membrane | Semi-permeable membrane surrounding the cell | “Traffic Cop”, it selects what can go in and what cannot |
| Cytoplasm | Semi-fluid between the cell membrane and the nucleus | Jelly-like substance within the cell that holds up other cell parts in the cells |
| Nucleus | Spherical, often in the center of the cell. Bounded in a membrane | “City Hall” of the cell. Contains information to make the cell work |
| Vacuole | Membrane bound sack in the plant cell | It is the “warehouse” in a cell that stores food and waste products |
| Cell Wall | Surrounds the plant cell | It supports and creates the shape of a cell |
| Mitochondria | Shaped like a football or bean in the cytoplasm | Called the “powerhouse” of the cell because it creates energy for the cell |
| Chloroplasts | Green, similar in shape to the mitochondria | It is the spot of photosynthesis where energy is made for plant cells |
| Ribosomes | Tiny, round organelles that float around in the cytoplasm or are attached to the ER | It assembles proteins |
| Golgi Body | Stacks of saucer like membranes | Works with the ER to transport materials across the cell |
| Endoplasmic Reticulum | White, maze like cell part surrounding the nucleus | It is used to transport food or other materials |