**Plant and Animal Cell Foldable**

**1. Create the foldable:**

1. With the long paper laying horizontally (long-ways) fold each side in so that they meet in the center.
2. Carefully cut out the diagram so that it fits onto the front of the foldable.
3. Line up the plant cell half and the animal cell half so that the split on the foldable is directly down the center line of the diagram. There are some guidelines at the top and bottom of the cell. The nucleus should be at the top, plant cell on the left and animal on the right.
4. Glue the diagram down.
5. Very carefully cut along the center line, re-separating the foldable.

**2. Title the diagram. “Plant Cell” on the left and “Animal Cell” on the right.** (2 points each)

**3. Identify the following structures and organelles on the diagram by writing the name of the organelle on the lines provided.** Check them off as you complete them below.(1 point each)

 \_\_\_\_\_ Nucleus \_\_\_\_\_ Endoplasmic Reticulum \_\_\_\_\_ Chloroplast

 \_\_\_\_\_ Nucleolus \_\_\_\_\_ Vacuole (plant cell) \_\_\_\_\_ Cell Membrane (plant cell)

 \_\_\_\_\_ Nuclear Membrane \_\_\_\_\_ Vacuole (animal cell) \_\_\_\_\_ Cell Membrane (animal cell)

 \_\_\_\_\_ Ribosomes \_\_\_\_\_ Chromosome \_\_\_\_\_ Golgi Bodies (x2)

 \_\_\_\_\_ Mitochondria (x2) \_\_\_\_\_ Cytoplasm (x2) \_\_\_\_\_ Lysosome \_\_\_\_\_ Cell Wall

**4. Inside the foldable:**

Complete the inside of the foldable by giving the function of each organelle and filling in the other needed information on the plant and animal cell differences. (3 points each bullet)

**5. Make it AMAZING!!** Neat, colorful, organized, additional sketches inside, etc. (15 points)

**6. Back of the foldable:** Name, Date and Class Period (2 points)

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