

The Incredible Cell - Project

In Science, models are used to make complex ideas easier to understand. To demonstrate your knowledge of plant and animal cells, you are going to construct a model of one of the cells!

1. Choose to make a plant OR animal cell.
2. The cell must include the following structures:

Plant Cell: cell wall, cell membrane, cytoplasm, nucleus, vacuole, chloroplasts, rough endoplasmic reticulum, ribosomes, mitochondria

Animal Cell: cell membrane, cytoplasm, nucleus, lysosome, vacuole, rough endoplasmic reticulum, ribosomes, golgi complex, mitochondria

3. You may choose how to construct your cell. Students have made play doh or clay models, edible models, styrofoam models, fabric models, mobiles. You should keep in mind that a cell is three dimensional, and the model must reflect that concept.
4. The cell must be identified as a plant or animal. Each organelle must be fully labeled with name and function or numbered and identified on a separate piece of paper containing full name and function.
5. Use your imagination and have fun! If you need help with ideas, feel free to reach out.

