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4.03 Cell Structure and Functions Guided Notes

Objectives:

In the lesson you will:

- know the function of major organelles in plant and animal cells
- compare and contrast the structure and function of major organelles of plant and animal cells
- relate structure to function for the components of plants and animal cell

Big Ideas:

| Key Questions and Terms | Notes |
|--|-------|
| What are the two main types of cells? What is the difference between these cells? | |
| Describe the function of each of the following cell structures: <ul style="list-style-type: none">• Cytoplasm:• Nucleus:• Mitochondria:• Endoplasmic reticulum:• Ribosomes:• Golgi apparatus:• Vesicles:• Lysosomes:• Cell membrane: | |
| What are organelles? | |

| | |
|---|--|
| | |
| How are the functions of organelles in animal cells and those in plant cells similar and different? | |
| Draw and label an animal cell. | |
| Draw and label a plant cell. | |