

Main Topic: Cell Types

Learning Objective/Outcome: distinguish between prokaryotic or eukaryotic cells; specifically the presence of absence of a nucleus.

Topic 1: prokaryotic cells

Topic 2: eukaryotic cells

Ideas

What is a prokaryotic cell?

Give an example of a prokaryotic cell.

What can be found in prokaryotic cells?

How are prokaryotic cells similar to eukaryotic cells?

Ideas

What is a eukaryotic cell?

Give an example of a eukaryotic cell.

List organelles found in eukaryotic cells.

How are prokaryotic cells different from eukaryotic cells?

Key Vocabulary

Bacteria

appendages

flagella

pili

cytoplasm

plasma membrane

ribosomes

Key Vocabulary

membrane bound organelles

animal cell

plant cell

mitochondria

rough endoplasmic reticulum

lysosome

vesicle

smooth endoplasmic reticulum

Golgi apparatus

nucleus

Pictures

Pictures