



Cell Structure & Function Video Guide

SB1a. Construct an explanation of how cell structures and organelles (including nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, Golgi, endoplasmic reticulum, vacuoles, ribosomes, and mitochondria) interact as a system to maintain homeostasis



What is Modern Cell Theory?

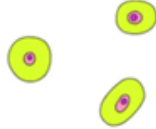
1. ALL ORGANISMS ARE COMPOSED OF ONE OR MORE CELLS



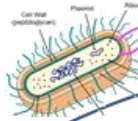
2. THE CELL IS THE BASIC UNIT OF STRUCTURE AND ORGANIZATION IN ORGANISMS



3. ALL CELLS COME FROM PREEXISTING CELLS



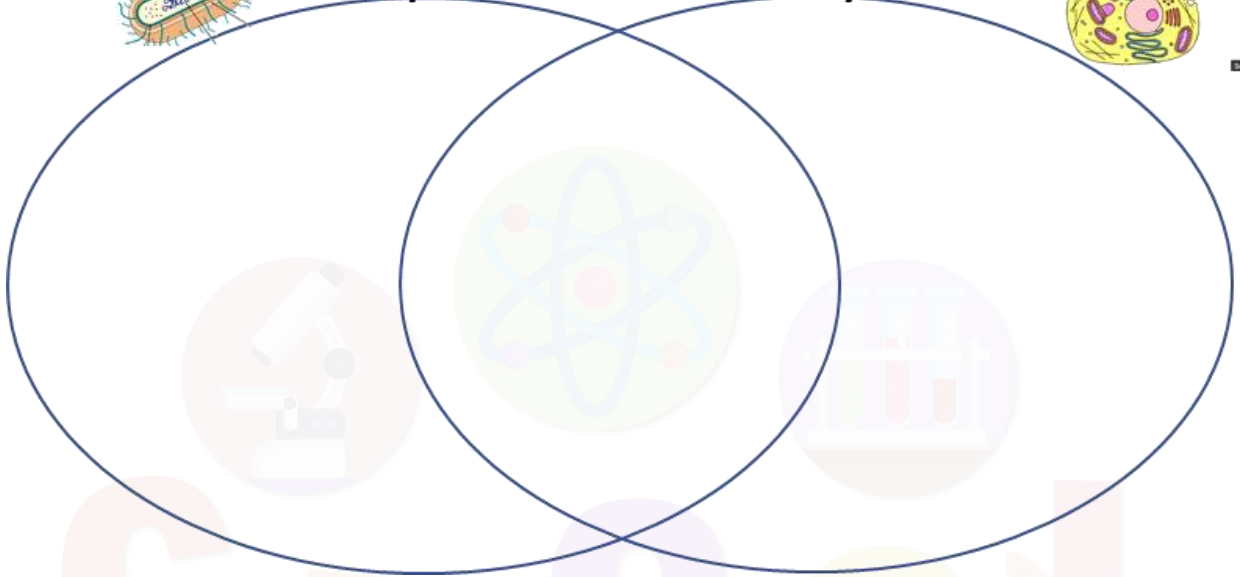
1. All _____ things are made of _____ or more cells
2. The cell is the _____ unit of _____
3. All cells come from _____ cells



Prokaryotic

vs.

Eukaryotic Cells



There are two MAIN types of EUKARYOTIC CELLS:



Plant

vs.

Animal Cells

