



CELLS

Vader's Notes



Organelle

Function

Sketch

Nucleus	Contains DNA	
Cell Membrane	Regulates what goes in/out semipermeable "Bilipid Layer"	
Cell wall	Structure to PLANT CELLS ONLY	
Chloroplast	Photosynthesis in PLANT CELLS ONLY ↳ Make Food	
Mitochondria	Release Energy from Glucose (Food)	
DNA	Instructions to build proteins	
Chromosome	long bundles of DNA	
Ribosome	"Factories" to build Proteins ∴	
Endoplasmic Reticulum	Transport + Production of Proteins etc.	
Golgi body	Packaging of Materials	
Centriole	Animals ONLY Cell Division	
Cytoplasm	goo inside cells	
Vacuole	Storage of things	
Lysosome	Break down molecules Contains Enzymes	

PROKARYOTIC

No Nucleus
Bacteria

EUKARYOTIC

Have Nucleus
PLANTS + Animals