

# Cell Structure Notes

## Discovery of Cells:

1. Who discovered cells? Why were they named cells?
  
2. Who developed the microscope? Why was that invention beneficial?

## Cell Theory:

Who developed the theory?

3 parts:

1)

2)

3)

## Cell Structure:

Cell =

Organelle =

Why do cells need to be small?

Types of Cells:

Prokaryotes	Eukaryotes
Structure:	Structure:
Examples:	Example:

Plant Cell	Animal Cell

**PROKARYOTIC CELLS**

## EUKARYOTIC CELLS

Organelle	Function	Location: Plant or Animal Cell
Nucleus	Chromosomes =	Both
Nucleolus		Both
Cytoplasm		Both
Cytoskeleton		Both
Endoplasmic reticulum	Types: Rough and Smooth	Both

Ribosome		Both
Golgi apparatus		Both
Vacuole		Plant has large, Animal has small
Mitochondria		Both
Lysosome		Both

Centriole		Animal
Cell membrane		Both
Cell wall		Plant
Chloroplast		Plant