Biology 1 Name:

***Cell Structure and Function -***  Date:

***Study Guide***  Hour:

Test Date:

The following is a list of terms you will be responsible for from chapter 4 and parts of 23&24.

* Robert Hooke
* Anton van Leeuwenhoek
* Cell Theory
* Cell Size Limitations
	+ Surface Area to Volume Ratio
* Basic Parts of a Cell
	+ Plasma Membrane
	+ Cytoplasm
	+ Nucleus
* Types of Cells
	+ Prokaryote
	+ Eukaryote
		- Organelles
* Colonial Organisms
* True Multicellularity
* Tissue
* Organs
* Organ System
* Membrane
	+ Phospholipid Bilayer
	+ Fluid Mosaic Model
* Nucleus
	+ DNA
* Nuclear Envelope
* Nucleolus
* Ribosomes
* Mitochondria
* Endoplasmic Reticulum
	+ Rough E.R.
	+ Smooth E.R.
* Golgi apparatus
* Vesicles
* Protein Synthesis
* Cytoskeleton
* Unique Features of Plant Cells
	+ Photosynthesis
	+ Cell Wall
	+ Central vacuole
	+ Chloroplasts
* Prokaryotes vs. Eukaryotes
* Plant Cells vs. Animal Cells
* Viruses vs. Living Cells
* Pathogen
* Virus
	+ Capsid
	+ Envelope
* Virulence
* Lysogenic/Lytic Cycle
* Vector
* Antibiotic
* Endosymbiosis
	+ DNA
	+ Divide independently
	+ Double Membrane