

Name:

Date:

Period:

Biology: Cell Structure and Function

You will be identifying the prefix, suffix, and/or root word for all vocabulary using your scientific root, prefix, and suffix guide and creating a definition. You will NOT be using the glossary to simply copy down a definition. If you do not find the definition of the prefix/suffix and/or root word either on your handout or by other means, such as lecture, you are still responsible for writing the definition in YOUR OWN words!

**** Create the definitions on a separate piece of paper and attach to your packet!****

Cell Structure

Cell Function

Prokaryote

Phospholipids

Eukaryote

hydrophobic/ non-polar tail

o Animal cell

hydrophilic/ polar head

o Plant cell

passive transport

Cell

concentration gradient

Cell Theory

equilibrium

Plasma membrane

diffusion

Cytoplasm

osmosis

Organelles

hypertonic solution

Nucleus

hypotonic solution

Nuclear envelope

isotonic solution

Nucleoli

carrier proteins

Chromosomes

facilitated diffusion

Genes

active transport

DNA

sodium-potassium pump

Cytoskeleton

endocytosis

Lysosomes

exocytosis

Centrioles

turgid

Cell wall

flaccid

Mitochondria

lysed

Golgi Apparatus

plasmolysis

Rough Endoplasmic Reticulum

adenosine triphosphate (atp)

Smooth Endoplasmic Reticulum

phagocytosis

Cytosol/ Cytoplasm

pinocytosis

Chloroplasts

solution

Vacuole

solute

solvent

concentration