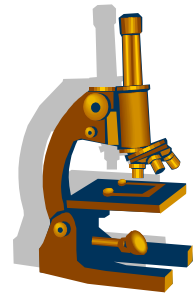


## Student Study Guide - Biology



### *Cell Transport:*

For your test you should be able to demonstrate your understanding of the following items:

- State the name and function of the major organelles of an animal cell.
- Definition of the following terms: Endocytosis, pinocytosis, phagocytosis, exocytosis, selectively permeable, phospholipids bilayer, fluid mosaic model, hypotonic, hypertonic, isotonic, solute, solution, and solvents..
- Be able to explain the process of osmosis given an example of two cells that are divided by a selectively permeable membrane.
- Be able to compare hypotonic, hypertonic, and isotonic solutions.
- Compare passive transport with active transport.
- Explain the three parts of the cell theory.
- Be able to explain the process of diffusion
- Be able to draw a model of the cell membrane and label the major components (e.g., the phospholipid bilayer, the hydrophobic tail, the hydrophilic head).

**Review all handout materials, class notes and your ticket ins.**

**And**

***STUDY!***

***STUDY!***

***STUDY!***

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