MOST IMPORTANT ITEMS FROM EACH TOPIC ON TEST

1. Immune System
* Know the three lines of defense
* Be able to describe the inflammatory response steps in order and understand why it happens
* Be able to discuss the activation of helper T-cells
* Be able to compare the purpose of Cytotoxic T-Cells and B-cells in terms of
	+ How they are activated
	+ What they attack in the body
1. Signal Transduction
* Know the steps of signaling
* Understand how amplification happens (phosphorylation)
* Know the difference between peptide and steroid based reception
1. Endocrine System
* Know the difference between peptide and steroid based reception as well as the end result
* Know the hormones and their functions that I provided to you.
* The majority of the questions will be based off of diagrams for this topic
1. Nervous System
* Know the structure of a neuron
* Be able to discuss action potential in detail
* Be able to explain how neurotransmitters are released at the synapse
1. Cell Respiration
* Know the purpose as well as equation
* Know what is produced in each phase (how much ATP by SL and how much NADH etc)
* Be able to discuss the ETC and chemiosmosis in detail