



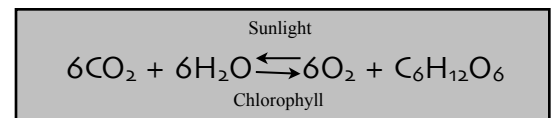
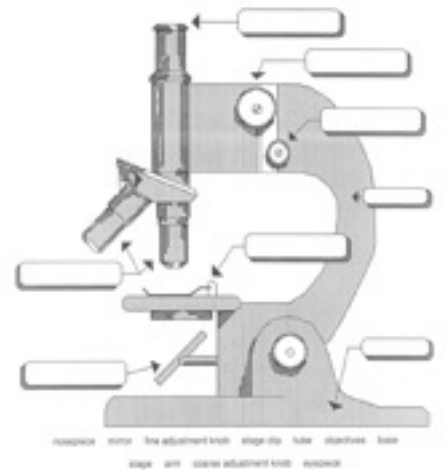
Body Systems

Test Review

VOCABULARY:

- Cell
- Cytoplasm
- Ribosome
- Nucleus
- Cell Membrane
- Vacuole
- Chloroplast
- Cell Wall
- Compound Microscope
- Objective Lens
- Course Adjustment
- Fine Adjustment
- Eyepiece
- Organelle
- Selectively Permeable Membrane
- Equilibrium
- Osmosis
- Tissue
- Organ
- Muscle Tissue
- Nerve Tissue
- Connective Tissue
- Epithelial Tissue
- Organ System
- Respiratory System
- Circulatory System
- Nervous System
- Digestive System
- Excretory System
- Bacteria
- Virus
- Vaccine
- Pathogen
- Antigens
- Antibodies
- Phagocyte
- Pseudopod

1. Name the parts of a microscope.
2. How do you calculate the magnification of a compound microscope?
3. How big is the Field of View on a compound microscope under 40X, 100X and 400X magnification?
4. Matching Section: Know the function of the various organelles in a cell.
5. State Cell Theory.
6. What is this equation? Where does it take place? Why is it important to all life on Earth?

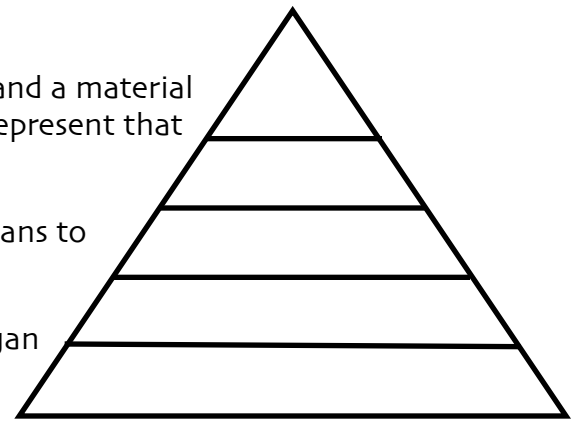


1. List 4 Characteristics of Living Organisms. (Bonus for 5)
2. What is Osmosis?
3. Use Osmosis to explain what happens to a potato slice in salted and unsalted water.
4. Know the Pyramid and fill it in.

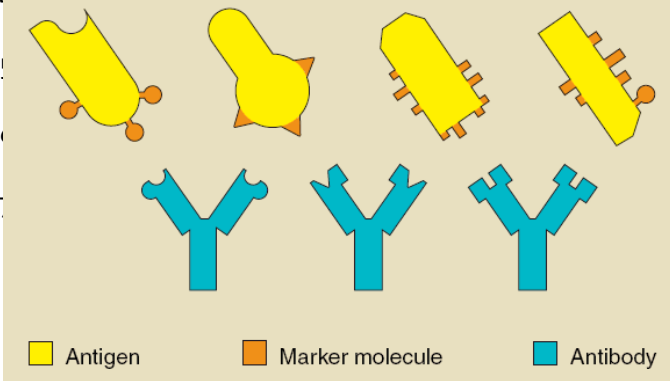
1. List 4 kinds of tissue and a material that could be used to represent that tissue. (Bonus for 5)

2. Matching: Match organs to their description.

3. Matching: Match Organ Systems to their description



4. What are the body's 3 levels of defense against pathogens?



the role of mucous membrane in combatting pathogens.

to combat disease.

ANTIBODIES will only work against specific PATHOGENS that have the correct ANTIGEN markers.