

Cell Structures and Functions

I. History of the cell

II. 3 Parts of Cell Theory

1. All living things are made of cells
2. Cells are the smallest living unit
3. All cells come from pre-existing cells

III. Type of cells

1. prokaryotic
 - A. example
2. eukaryotic
 - A. differences of animal and plant cells
 - B. example

IV. Organelles

1. be able to identify based on shape
2. know their functions
3. Know if they are found in plant or animal cells
4. Nucleus
 - A. Nucleolus
 - B. Chromatin
5. endoplasmic reticulum
 - A. rough
 - B. smooth
6. golgi apparatus
7. lysosome
8. ribosomes
9. centrioles
10. cytoskeleton
 - A. microtubules
 - B. microfilaments
11. mitochondrion
12. chloroplast
13. vacuole

3-D Cell Project Due
November 6 (A day) & 7 (B day)

Test over Cells
November 6 (A day) & 7 (B day)

Chapter in book 7-1 & 7-2 these
are also extra credit in workbook