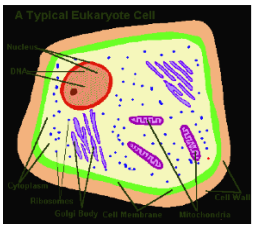

BIOLOGY A – Fall 2015

STUDY UNIT# 3
Cells / Chemistry

OBJECTIVES

1. List the 6 kingdoms of life and give examples of organisms in each kingdom.
2. Compare and contrast the structures of plant and animal cells.
3. List the 3 components of Cell Theory.
4. Describe the structure and function of the cell membrane and the cell wall. Know which organisms have a cell wall.
5. Describe the function of the following cell parts: cell wall, cell membrane, mitochondria, ribosomes, vacuoles, Golgi bodies, chloroplasts, endoplasmic reticulum, lysosomes, cytoplasm, nucleus, and nucleolus.
6. Define the following: atom, molecule, compound, chemical formula, reactant, product, chemical equation, and chemical reaction.
7. Know the name and symbol for the Biologically Important Elements.

ASSIGNMENTS

1. Please read pages 174-181 and make word wheels of highlighted words as illustrated on the back of this study unit. This is due Wednesday, Sept. 8th.
2. Lab #2 is due at the beginning of the period Friday, Sept. 11th.
3. Hand written notes for travel brochure are due on Thursday, Sept. 10th, at the beginning of the period.
4. The cell travel brochure will be due on Wednesday, Sept. 16th, at the start of the period.

ANNOUNCEMENTS

1. Back to School night is Wednesday, Sept. 9th.
2. There will be a Quiz on Tuesday, Sept. 15th covering Objectives 1-6 on SU 3.
3. There will be a Reading Quiz covering reading notes from Study Units 1-3 sometime next week.

Quote: ***"****Keep your face to the sunshine and you cannot see the shadows."* Helen Keller

SCHEDULE

Monday	Tuesday	Wednesday	Thursday	Friday
Sept. 7	Sept. 8	Sept. 9	Sept. 10	Sept. 11
LABOR DAY HOLIDAY	Finish Cell Discussion Receive Travel Brochure Continue Lab #2 Observations	Continue Lab #2 Observations Work on Travel Brochure	Finish Lab #2 Begin Chemistry Discussion Work on Travel Brochure	Continue Chemistry Discussion Chemistry Review Worksheet