Biology Syllabus

# Biology is the study of the living world including their structure, functions, growth, distribution, and taxonomy. There are several branches that make up the study of Biology. We will study biochemistry, botany, cellular biology, physiology, evolutionary biology, ecology, and taxonomy.

# **Book**

 Each student will be assigned a book.

They are NOT in perfect condition but need to last.

## Supplies

 notebook

 pencils – NO PENS may be used on assignments

 calculator – for occasional use

folder

### Grading

 I believe that your grade should not depend on how bright the members of your class are, or how hard they work in the course. I am using my professional judgment to set the standards that must be met: the class itself should not set the standards. Your grade should reflect your performance, no one else’s, with respect to the subject matter in biology. If you are in a class with high achievers, you should not suffer for it. Nor should you profit by finding yourself among classmates that are poorly prepared or choose not to do the work. I do not want you to feel that you are competing with your classmates, but yourself. Learning should be cooperative, at least part of the time. I do not want to discourage you from helping each other, not copying or giving someone the answers but actually helping your classmates by forming study groups. I use the grading scale listed below. With this scale, the student will be able to calculate how he or she did on each test, assignment, quiz, or project.

 \*Straight Percentage

 95-100 = A 77-79 = C+

 90-94 = A- 74-76 = C

 87-89 = B+ 70-73 = C-

 84-86 = B 67-69 = D+

 80-83 = B- 64-66 = D

 60-63 = D-

 59 and under = F

**#1 RULE**

**I DO NOT ACCEPT LATE ASSIGNMENTS, YOU WILL EARN A ZERO.**

**Topics Covered in Biology**

September Lab Safety

The Science of Biology Chpt. 1

 Biochemistry Chpt. 2

 Ecology Chpt. 3

October Ecosystems Chpt. 4

 Populations Chpt. 5

November Cell Structure and Function Chpt. 7

 Cell Growth and Divisions Chpt. 10

December Introduction to Genetics Chpt. 11

DNA and RNA Chpt. 12

 Darwin’s Theory Chpt. 15

January Classification Chpt. 18

 Bacteria/Viruses Chpt. 19

February Protists Chpt. 20

 Fungi Chpt. 21

 Photosynthesis Chpt. 8

March Cell Respiration Chpt. 9

 Plants Chpt. 21-25

April Invertebrates Chpt. 26-29

 Vertebrates Chpt. 30-34

May Human Anatomy Chpt. 35-40

**Time Schedule Subject to Change Without Warning**