7th Grade Biology Syllabus

# Course Overview

Instructor

Mr. Arthur Babcock

Phone

713-782-4421

Email

ababcock@graceschool.org

Office Location

LC 206 and LC 202

Office Hours

Monday-Friday:

7:00 A.M. - 7:35 A.M.

Or by Appointment

**Class Meetings**

3rd Period: BIOL 03

(9:45 A.M.-10:35 A.M.)

4th Period: BIOL 04

(10:40 A.M.-11:30 A.M.)

5th Period: BIOL 05:

(1:15 P.M.-2:10 P.M.)

A general introductory course in biology with labs integrated into the curriculum. The class will cover basic structural and functional characteristics of organisms with an emphasis on current biological issues. Topics will include the anatomy and physiology between cells and organisms, taxonomy, genetics, and medical concerns such as cancer, diabetes, and other diseases. This course is designed to prepare the 7th grade students for high school biology and to educate the student on real-world scenarios happening in today's society.

Prerequisite: Successful completion of Earth Science or 6th Grade Science.

# Required Text

Holt McDougal, Science Fusion

1. Cells and Heredity
2. The Diversity of Living Things
3. The Human Body

# Course Materials

* Rocketbook
* Writing Utensils; Highlighters are optional, but helpful
* Planner/Gator Notes
* Paper, Flashcards

# Resources

* Weebly: babcockbiology.weebly.com

1st Quarter –   1. Introduction, the Scientific method, and Lab Safety

                                2. Cell Theory and Cell Characteristics.

                                3. Cell Structure and Function

2nd Quarter -   1. Cell Processes

                                2. Cell Energy

                                3. Cell Cycle and Reproduction

                                4. Heredity and Genetics

                                5. DNA Structure and Function

3rd Quarter -    1. Species adaptation and natural selection

                                2. Taxonomy or classification

                                3. Bacteria and viruses

                                4. Protists and Fungi

4th Quarter –    1. Invertebrates

                                 2. Fishes, amphibians, and reptiles

                                 3. Birds and mammals

                                 4. Human body – basic anatomy and human body systems

# Attendance

It is vital that you attend class and that you arrive on time every day. When the bell rings, I am teaching. If you are absent, please notify me as soon as possible so that I can get your assignments together when you return. If there is a planned absence such as a vacation, sporting event, or anything else, you need to notify me. Your assignments and tests will be given to you before you leave. You will not take a test when you return, unless approved by administration.

# Homework Policy

It is your responsibility to check if there is homework. I will write the homework on the board, put it on RenWeb and you can ask me if there is homework either by email or by office hours. If you turn in homework late, I will deduct 20 points off for the first day it is late. If it is two days late, I will deduct 30 points off. After the second day, the student will need to meet with me to discuss further action and detention will be issued. It is important that you turn in your assignment on time whether it is early or on time.

***If you have any questions or if you need any help on anything, email me or stop by to see me. I am so excited to work with each and every one of you! I am looking forward to this school year as you progress and achieve greatness at Grace School.***

***Note: this syllabus is not a contract. It is subject to further change or revision, to best realize the educational goals of the course. Revisions will be announced in class or in course materials online with appropriate prior notice.***

#  Parent/Guardian Signature Student Signature

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