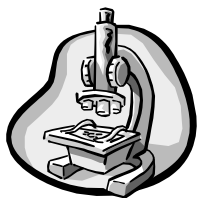


Booker T. Washington High School

2016-2017 School Year

BIOLOGY COURSE SYLLABUS

Instructor: Candice R. Henry
Room: 3041 and 3018 Lab
Telephone No: 404-802-4663



Principal: Dr. T. Wilson
e-mail: fabuliciousteaching.com@gmail.com
Tutorial Schedule: Monday 3:45 – 4:45
Website: www.fabuliciousteaching.com

Textbook:

General Biology: Glencoe Science Biology (McGraw Hill 2008)

This textbook is a resource and supplement to everything that we do in class. Throughout the course as you learn and practice skills necessary for college success this text will be utilized for pre-reading/introductory exercises as well as homework and class-work.

Course description:

The Biology curriculum is designed to continue student investigations of the life sciences that began in grades K-8 and provide students the necessary skills to be proficient in biology. This curriculum includes more abstract concepts such as: the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students investigate biological concepts through experience in laboratories using the processes of inquiry. This course requires students to take and demonstrate proficiency on the End of Course Milestone in order to receive credit towards graduation.

Required Materials:

- 3 – ring binder specific for this course
- Notebook with tabs (tabs will be labeled by concept unit, multiple packs may be necessary)
- Notebook paper
- Functioning writing materials
- Biology Textbook

Evaluation:

Classwork/Science Writing/Participation/Notebook/Materials Check (Formative Assessment)	20%
Homework (Formative Assessment)	10%
Unit Tests and Exams (Summative Assessment)	30%
Topic Quizzes/USA Test Prep/Focus/Exit Ticket (Formative Assessment)	20%
Laboratory Experiments/Projects (Summative Assessment)	20%

Grading Scale:

A	100-90	Exceptionally Proficient
B	89-80	Moderately Proficient
C	79-70	Minimally Proficient
F	69 and below	Non-Proficient

Academic Honor Code:

All material submitted by a student must be the student's original work. Assignments are given to ascertain what you know. As you are completing your assignment you should either come away with the knowledge that "You Got This!!!" or with "Specific Questions", copying takes away from that experience and demonstrates your ability to mindlessly steal someone else's work. Stolen work is unearned work and will be considered missing until completed independently.

Pacing Guide:

Please use this as a **tentative** guide for instructional topics and sequencing.

Week 1/2:	<ul style="list-style-type: none"> ▪ Introduction / Orientation ▪ Scientific Method ▪ Pre-Test ▪ Lab Safety ▪ Learning Styles Inventory 		Week 19/20:	Growth & Heredity: Sexual vs. Asexual Reproduction (<i>SB2e</i>)
Week 3/4:	Cellular Processes: Cell Structure & Function (<i>SB1a</i>)		Week 21/22:	Energy Transformations: Matter & Energy Flow (<i>SB4b</i>) <ul style="list-style-type: none"> ○ Food Chains & Webs ○ Energy Pyramids ○ Nutrient Cycling
Week 5/6:	Cellular Processes: Viruses (<i>SB3d</i>) Chemistry of Life <ul style="list-style-type: none"> ○ Macromolecules (<i>SB1c</i>) ○ Water (<i>SB1d</i>) ○ Enzymes (<i>SB1b</i>) 		Week 23/24:	Energy Transformations: Relationships among organisms, populations, communities, ecosystems, & biomes (<i>SB4a</i>) Photosynthesis & Cellular Respiration (<i>SB3a</i>)
Week 7/8:	Cellular Processes: Cellular Transport (<i>SB1d</i>)		Week 25/26:	Organization & Evolution: Structure & Function of Six Kingdoms (<i>SB3b</i>) Evolutionary Basis of Modern Classification (<i>SB3c</i>)
Week 9/10:	Equilibrium: <ul style="list-style-type: none"> ▪ Homeostasis (<i>SB1a</i>) ▪ Natural Selection (<i>SB5d</i>) 		Week 27/28:	Organization & Evolution: History of Life (<i>SB5b</i>) Evidence of Evolution (<i>SB5c</i>)
Week 11/12:	Equilibrium: <ul style="list-style-type: none"> ▪ Plant Adaptations (<i>SB4e</i>) ▪ Animal Adaptations & Behavior (<i>SB4f</i>) 		Week 29/30:	Organization & Evolution: History of Evolutionary Theory (<i>SB5a</i>) Biosphere Structure (<i>SB4a</i>)
Week 13/14:	Growth & Heredity: Mendelian Genetics (<i>SB2c</i>)		Week 31/32:	Equilibrium: <ul style="list-style-type: none"> ▪ Successional Changes (<i>SB4c</i>) ▪ Human Impacts on the Environment (<i>SB4d</i>) Biological Resistance (<i>SB5e</i>)
Week 15/16:	Growth & Heredity: DNA, RNA, & Protein Synthesis (<i>SB2a</i> , <i>SB2b</i>)		Week 33/34:	Culminating Authentic Assessment & End-of-Course Test: Projects, investigations, etc.
Week 17/18:	Growth & Heredity: Chromosome & Mutations (<i>SB2d</i>) ⁴ DNA Technology (<i>SB2f</i>) Energy Transformations: Matter & Energy Flow (<i>SB4b</i>) <ul style="list-style-type: none"> ○ Food Chains & Webs ○ Energy Pyramids ○ Nutrient Cycling 		Week 35/36:	Culminating Authentic Assessment & End-of-Course Test: Projects, investigations, etc.

Important Dates:

Deficiency Notices	Progress Reports/Report Card
<ul style="list-style-type: none">• September 2• October 4• November 4• December 6• February 2• March 6• April 13• May 16	<ul style="list-style-type: none">• October 14, 2016• January 6, 2017• March 24, 2017• June 2, 2017

Non-Negotiables:

1. **Respect** within the learning community must be maintained at all times!
2. One person talks at a time. Never talk while the instructor is speaking and while another student is presenting.
3. Be open to learning and a student of the world, as well as this class!
4. When you need help, ask! Do not drown unnecessarily.
5. 20/20 Rule
6. Appropriate language is required; the use of profanity has no place within the learning community!
7. No cell phone/electronic device usage or cell-phone/electronic device charging during class.
8. Water is the only beverage that can be consumed in class.
9. Laughing is for jokes and is not permitted when mean-spiritedly directed at members of the learning community. (Biology jokes that pertain to the unit can actually earn you some extra credit)
10. Always be a little kinder than necessary.
11. BE ACCOUNTABLE FOR ALL OF YOUR ACTIONS!!!! You choose your behavior, however, I am responsible for choosing your consequence.

Policies Procedures and Expectations:

Standards of acceptable work

All submitted work should be completed on loose-leaf paper in blue/black ink or pencil when necessary. No work will be accepted that is sloppy or on other types of paper. All students must use neat handwriting for all assignments. Moreover, assignments must be free of scratch outs and headed appropriately. Heading should be located in the upper right hand corner of paper and include the following: 1st line: Name, 2nd Line: Date, 3rd line: Biology/Period or Class Section, and 4th line Assignment Title

Graded Assignments

Students are expected to complete all assignments as they move from emerging proficiency to mastery level of the content we will be learning in Anatomy and Physiology. However, graded assignments will be a survey of what has been assigned, focusing on effort, completion and/or correctness.

Hall Pass

1. Hall passes will not be issued the first 20 minutes of class, last 20 minutes of class, or during instruction.
2. All restroom, water, and personal needs should be taken care of during the exchange of classes. However, students may utilize the hall pass 4 times in a semester. You will be issued a Bathroom Pass that is worth 100 bonus points; every time you use the pass you deduct 25 points. If you do not have your pass you may NOT use the restroom.

Class Preparedness

The ringing of the tardy bell signals the beginning of class. At that time, all pencils should be sharpened, pens taken out, paper/notebook should be on the desk, and students should be working on the focus for the day. We operate within a **no-excuses** classroom/learning environment, so as long as you ask before class begins you may receive any materials that you need. Pen and pencils can be found at the front of the class in the bins above the book case; loose leaf paper can be found in the highlighter bin. ***Only take what you need so that our resources last until the last day of school.

Class Dismissal

The ringing of the bell at the end of the period only suggests the ending of the class period. Students should remain seated until the instructor dismisses the class. Class is dismissed with the saying of our class motto, "Always be kinder than necessary" and my farewell greeting to you.

Late Assignments

There should be no late assignments, if you are present, you should complete all work assigned.

Tardiness

Being on time to class is extremely important. As such the tardy policy is you will not receive permission to leave class on a day that you have arrived to class tardy. If we have completed any type of "on-time" focus activity by the time that you enter class you will be unable to make-up the assignment.

Laboratory Safety

Biology is a laboratory involved science. Safety is strictly enforced. Any playing and loud talking during an activity or lab will result in a grade of zero on the assignment and a parent conference before the student may participate in subsequent laboratory activities.

Missed Assignments

It is the responsibility of the student to retrieve missed assignments. All missed assignments will be coded in infinite campus as such, resulting in a grade of zero for that assignment. Copies of handouts passed out during an absence can be found in the bookcase located in the front of the classroom. They will remain there until the start of a new unit. Students have 3 days to complete missed assignments due to an excused absence. Please write late due to absence on documents turned into the inbox to ensure you receive all points possible.

Cell Phone Policy

Cell phones are not to be seen or heard during instructional time from 8:30 – 3:30. Your focus and attention should remain on gaining knowledge and acquiring skills practiced in the learning environment. Cell phones may be used as an instructional tool, however, if it is in use inappropriately it will be confiscated and the Atlanta Public Schools cell phone policy will guide the subsequent procedure for consequences.

Academic and Behavioral Expectations

1. Students will follow the guidelines outlined in the student handbook.
2. Timely entrance to class is expected, as well as consistent attendance.
3. Students will use kind words that help and uplift when speaking to others.
4. Students will come to class prepared every day with their focus on learning and being an asset to the classroom community.
5. Students will come to class prepared every day with all required materials.
6. Students will behave in a manner to facilitate the clear exchange of all thoughts and ideas.
7. Students will give remain in their seats until permission is given.
8. Students will maintain all laboratory safety procedures.
9. Students will maintain appropriate sound levels for all class activities.
10. Students will give their best effort on all assignments.
11. Students will not eat or drink in class.
12. Students will only attend to classroom activities while they are in class.

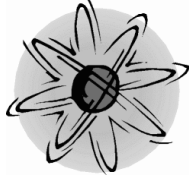
Consequences:

My goal is to treat all students like the young adults that they are; preparing them to enter society as well adjusted and well-mannered students of the world. As such my expectation is not to spend class time reiterating the academic and behavioral expectations. However, in such rare cases where there is a need the following consequences will be followed for minor infractions:

- 1st Infraction- Verbal Warning
- 2nd Infraction- Parental Phone call
- 3rd infraction- Parent Phone call and Detention
- 4th Infraction- Disciplinary Referral and Parent Conference

*** Major infractions will result in an immediate discipline referral.

Parent/Student Acknowledgement



By signing below you agree that you have read and understand the structure of the course and the evaluation procedures. In addition you also acknowledge that you understand that the expectations in the classroom and laboratory environment are important to you, your safety and the success of your education, as well as the consequences of inappropriate behavior.

Student Name (printed): _____

Student Signature: _____ Date: _____

Parents: In order to establish good contact information, as a Homework assignment for your child please e-mail me at fabuliciousteaching.com@gmail.com with (1) your current e-mail and (2) telephone contact information. My e-mailing me you agree that you and your child have read and understand the structure of the course and the evaluation procedures.