

Biology

2017 - 2018

Mrs. Bostic

Contact:

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SMART LUNCH Schedule:

Class Schedule:

1st Block- Planning
 2nd Block - Biology
 3rd Block - Biology Honors/MYP
 4th Block - Biology Honors/MYP

	Monday	Tuesday	Wednesday	Thursday	Friday
A (11:08 - 11:38)	CLOSED	CLOSED - SUPERVISION	Open for WORK/LUNCH	Open for TUTORING	CLOSED - MEETING
B (11:38 - 12:08)	Open for TUTORING	CLOSED - SUPERVISION	CLOSED	CLOSED	CLOSED - MEETING

*Lunch on Wednesday runs from 11:18 - 12:18 due to advisory.

Course Description:

Below is a general outline of the topics that will be covered in Biology. As we cover information, you will find that many parts of Biology are interrelated and we will often discuss parts of one topic while covering another. Biology is taught in one semester. There is a state mandated EOC given at the end of the semester covering the following goals and objectives from the North Carolina Essential Standards.

Nine Weeks	Essential Standard	Topic
Integrated in all others.		Scientific Inquiry, Scientific Method, Safety
1		Overview: What is Biology and Characteristics of Living Things Classification of Living Things
	2.1	Analyze the Interdependence of living organisms
	2.2	Understand the impact of human activity on the environment
	4.1	Biological and Organic molecules, Enzymes
	1.1	Cell
	4.2	Bioenergetic reactions - Energy Use
	1.2	Cell as a system - Homeostasis
	1.2	Mitosis
2	3.1	Molecular basis of heredity- DNA Transcription, Translation, Protein Synthesis
	3.2	Sex - Reprod. Genetic Variation - Meiosis
	3.2	Environmentally and allele interaction on Phenotypical Expression
	3.2	Patterns and Methods of Inheritance
	3.3	Application of DNA Technology
	3.4	Evidence of Evolution
	3.4	Natural Selection
	3.4	External factors (bacteria, viruses, chemicals) affecting natural selection
3.5	Analyze classification system development	

Classroom Supplies:

3 ring binder, paper, pencils, pens, MacBook (charged), headphones, and colored pencils

Assignments and Grading:

Grading Scale:

Instruction will consist of discussions, written assignments, in-class assignments, and hands-on laboratory experiences. On-line activities and movie clips will also be used in order to enhance learning, as we live in the age of technology, and I believe we must make science relevant to our students through means in which they are familiar.

- Quizzes (announced and unannounced (POP): Vocabulary quizzes will be given every Friday. Students may also be given additional quizzes several times a week. Material will be cumulative to keep them prepared for the EOC. Quizzes will be averaged at the end of the week to determine a weekly quiz grade.

- Some assignments are for practice or review. I can not grade everything; however, students need to do every assignment.



■ Assessments (40%) ■ Classwork (20%)
■ Quizzes (10%) ■ Projects/Labs (30%)

Late Work Policy:

Completion of assignments is the responsibility of the student. Due dates on assignments are clearly defined to students; therefore, **ALL WORK** should be completed and turned in **ON TIME**. I do not give a lot of homework; however, I do expect the assignments assigned to be completed on time. If I see that the student is not doing his/her work, I will contact you and discuss the reasons and possible solutions. Students will be required to attend SMART lunch tutoring if assignments are not being completed or if students have below a 60 average.

Extra Credit:

Extra credit opportunities are offered at teacher's discretion. It is important for students to take advantage of these opportunities, as no additional extra credit will be offered.

Make - Up Policy:

Make-up work is only granted when a student is absent from class. Make-up work is the responsibility of the student. Work must be made up within 3 days of returning to school during SMART lunch tutorials (Mondays during B and Thursdays during A).

***SIHS Attendance Policy; Students who miss more than 6 days of a class (excused or unexcused) must make up time in order to receive credit for the course.

Reassessment Policy:

Students may retake 1 test each nine weeks. However, the second grade is the grade recorded whether higher or lower. Test retakes must be scheduled in advance and completed during SMART lunch tutorial times.

Cheating:

There is a no tolerance policy on cheating.
If caught cheating it is a zero on the assignment.
If someone allows another to cheat, both will receive a zero on the assignment.
Sharing is considered cheating, so make sure you are doing your own work and it is in **YOUR** possession.

"5 P'S OF CLASSROOM SUCCESS"

1. Be **PROMPT**
2. Be **PREPARED**
3. Be **POSITIVE**
4. Be **PRODUCTIVE**
 - a. No sleeping or laying your head down on the desk.
 - b. No cell phones or macbooks out in the classroom, unless part of a class activity.
5. Be **POLITE**
 - a. No name calling, teasing or bullying - even as a joke
 - b. Treating the property of others with respect. (Students, teachers, schools)

Consequences:

1. Warning
 2. 15 minute SMART lunch detention
 3. A call home to parents
 4. Office referral
- Severe misbehavior, such as verbal abuse or fighting, will automatically result in an office referral.

Parental involvement is very important in the education of students. I am committed to giving each child the best education. The greatest way to accomplish this goal is for us to work as a team. If you ever have questions regarding what is being done in class, please do not hesitate to contact me.

I look forward to a productive and enjoyable semester. I know that together we can make this a very successful year.

Sincerely,

Mrs. Latonia Bostic

