

Grading:

Grades can be seen in Infinite Campus with the following categories and weights:

- **Minor Grades = 60%**
Examples: quizzes, labs, and other graded assignments to measure ongoing learning in a module.
- **Major Grades = 40%**
Examples: unit tests, research papers, project-based assignments, and other measures showing mastery of a module

Late work will result in a 5% per day penalty and will close after five days past due.

Because students are expected to master the content, grade repair will be ongoing throughout the school year as each module is completed. Student must complete a repair contract to enable the repair to occur.

Academic dishonesty (cheating) is a discipline issue and may result referral to administration if required. Any assignment cheating occurs on must be recompleted for a grade to be recorded

At the conclusion of the course in early May all Biology students will be expected to take the End of Course assessment which will count as 10% of their final grade.

Make-up work: Classwork will be found in Canvas. All students will have access to the assignments as soon as they are posted. Therefore, all students returning from excused absences will be expected to turn in missed work within 5 days of returning.

Tutoring: after school until 3:00 by appointment
Remind Code: @506bio

Biology

Mr. Wm Saunders-Cummings

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Course Description:

Biology is an in-depth, two-part course in biological principles that influence the lives of all organisms. This course is a laboratory course that will teach lab safety, microscope use, and other lab principles in addition to teaching state prescribed standards. Biology has an End of Course assessment (EOC) at the conclusion of the year which counts as 20% of students' final grade. All students are required to take the EOC to pass this course. Both parts of this course are must be passed to meet the graduation requirements of the state of Georgia.

Students learn through various means; therefore, assignments will include opportunities to write about, visualize, and experience the concepts being studied. Assignments will be carried across curriculum lines as math skills are utilized to manipulate collected data and writing skills are employed in reporting scientific findings to prepare the learner for the global community by improving higher order thinking and decision-making abilities. The ultimate goal is to make science enjoyable while constructing a solid foundation upon which to build scientific knowledge.

Class Expectations:

Be on-time and prepared to participate. This means students will be in their seats ready to engage in the assignment when the bell rings.

Be respectful to all members of the classroom. Common courtesy is expected from all people in the classroom.

All laboratory safety procedures and rules must be followed. This is not negotiable; failure to follow safety rules is considered a serious offense and will result in immediate removal from the activity and loss of the grade (NO CREDIT).

Cells phones and tablets are not allowed to be used.

All county and school policies will be enforced.

In the event of disruptive behavior:

The following steps will be taken:

- 1st Offense: Verbal Warning
- 2nd Offense: Individual counseling
- 3rd Offense: Call to Parent(s)/Guardian(s)
- Option after discussion with parent: after-school detention
- 4th Offense: Office Referral

Serious offenses may result in an immediate office referral.

Materials:

Required:

- Writing implement (pen/pencil)
- Composition book, college ruled
- Windows Laptop computer

Suggested materials:

- Colored pencils or fine point markers
- Personal unscented hand sanitizer, tissues, etc.

Expectations of a Science Student

- Follow all established rules.
- Be willing to make mistakes so you can learn from them.
- Review course materials regularly.
- Be willing to push your own boundaries everyday.
- Be inquisitive...ask questions, ask questions, ask questions!

Science Fair

All Richmond County School System students in a 4-12 science course are required to complete a grade-level appropriate science and engineering fair project. There will be checkpoint assignments in the course, but the science fair is an out-of-class assignment. Additionally, all materials must be provided by the student/parent. Student will receive a packet with the requirements at later date.

Topic Outline for The Year (* - 1st Semester, ** 2nd Semester)

The biology curriculum is based on six modules that integrate the Georgia Standards of Excellence for biology. These modules are presented with an overall unifying theme and will follow this sequence:

Module 0: Think Like a Scientist *

Module 1: Stability & Change in Population Over Time *

Module 2: Patterns in Living Systems *

Module 3a: Structures and Function of Molecular Genetics *

Module 3b: Structures and Function of Molecular Genetics **

Module 4: Patterns in Heredity & Selection**

Module 5: Stability & Change in Ecosystem**

Each module will have a pre-assessment (pre-test) which will help guide individual and whole class instruction. Modules may be shortened or extended if all students show mastery or need more time for mastery. As such, the best calendar can be found on Canvas for all assignments.

We are always in need of the following for our class:

- Tissues
- Colored copy paper
- White school glue
- Colored pencils
- Pencils
- Clorox wipes
- Paper towels
- Magic Erasers©

FOR HEALTH REASONS, AT NO TIME ARE PERSONAL HYGENE PRODUCTS ALLOWED TO BE OUT OF YOUR BOOKBAG. APPLY ANY PRODUCTS OUTSIDE OF THE CLASSROOM DURING YOUR OWN TIME.

Passes out of classes are for emergencies only.

Abuse will result loss of the privilege.