

Biology Course Syllabus 2023-2024

Lemon Bay High School
Kristen Sharp
Email: kristen.sharp@yourcharlotteschools.net
Room 04-207
Textbook: HMH "Biology" By Stephen Nowicki

Welcome to Biology! This year we will learn about the world around you. This is a hands-on course with many real-life connections. We will use the scientific method to think critically and solve problems.

What topics will we learn about this year?

This course is organized into 13 units. The units are as follows:

- Semester 1
 - Unit 1: The Nature of Science
 - Unit 2: Biochemistry
 - Unit 3: Cell Structure & Function
 - Unit 4: Photosynthesis & Cellular Respiration
 - Unit 5: Plant Structure & Function
 - Unit 6: Mitosis & DNA
- Semester 2
 - Unit 7: Meiosis & Human Reproduction
 - Unit 8: Mendelian Genetics
 - Unit 9: Molecular Genetics (Protein Synthesis & Biotechnology)
 - Unit 10: Evolution
 - Unit 11: Classification & Taxonomy
 - Unit 12: Human Systems
 - Unit 13: Ecology

How will grades be earned?

- Activities 50%
 - Classwork (Activities, Lab, & Projects)
 - Bell Work
 - Homework
- Assessment 50%
 - Quizzes
 - Tests

Late Policy

- If you turn an assignment in late, 5 points will be deducted for each day that it is late.

What supplies will be needed?

- 1" or 1.5" Three Ring Binder
- Pencils

- Colored Pencils & Sharpener
- Glue Stick
- Scissors
- Ruler
- Headphones Compatible with School Issued Chromebook

Course Instructional Format

We will be using a combination of in-person direct instruction and virtual instruction. Instruction will be organized in and facilitated through Canvas. We will also be using the HMH Textbook Online Resources (which can be accessed through the Charlotte County Classlink Launchpad Page), the Edpuzzle instructional site, and Explore Learning Gizmo online simulations (instructions for accessing Gizmos will be shared during Week 1 in-person class sessions).

Course Communication Format

As we work through this school year, open lines of communication will be imperative! Remind will be the primary means of communication between home and school for BOTH students and parents. However, you may also ALWAYS email me with any questions or concerns. Instructions for joining period specific Remind groups are in the table below.

Biology Class Period	Remind Join Option Instructions
Period 4	Text @c73a82 to 81010 for text notifications, OR Go to https://www.remind.com/join/c73a82

End of Course Exam (EOC)

- The Florida Department of Education has implemented the Biology EOC to measure student mastery of the Next Generation Sunshine State Standards in Biology.
- This is a computer-based test that is taken by every Biology student in the state of Florida.
- The EOC will count for 30% of the final course grade.

Class Environment & Expectations

- Our classroom will be a MUTUALLY RESPECTFUL ENVIRONMENT. Treat one another and our classroom with respect.
- Attendance is IMPORTANT! To be a successful learner, your presence in class is essential.
- Assignments turned in COMPLETE and ON TIME.
- Arrive on time, gather binder and pencil/supplies, stow backpack and electronic devices away in designated area, sit in assigned seat and begin bell work.
- 20/10 Rule in effect.
- Remain seated until dismissed.
- HAVE FUN!!