

Biology Course Syllabus 2022-2023

Lemon Bay High School

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Room 04-205

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
 - Bell Work Binder
 - Homework
- Assessment 50%
 - Quizzes
 - Tests

What supplies will be needed?

- ½ - 1" Three Ring Binder
- Pens or pencils
- Earbuds or Headphones Compatible with Chromebooks (standard 3.5mm headphone jack or Bluetooth)

Course Instructional Format

Instruction will be organized in and facilitated through Canvas. We will 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 class). If you are absent, please check Canvas to see what you missed.

Course Communication Format

As we work through this school year, open lines of communication will be imperative! We will use Remind as the primary means of communication between home and school for BOTH students and parents. Students are automatically enrolled in our remind class. **Parents can join with this code: @ec4e62chgk** If you need to get in touch with me, please either send me a message on Remind or send me an email.

Weekly Outlines

I post weekly outlines in Canvas and on my staff page on the LBHS website. Please use the outlines to stay informed about homework assignments and upcoming assessments. This is a MUST DO if you are absent!

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.
- This means your Semester 1 & 2 grades will not be determined until after the EOC results come back in June/July. You will have a * on your report card until then.

Class Environment & Expectations

- Our classroom will be a MUTUALLY RESPECTFUL ENVIRONMENT. Treat one another and our classroom with respect.
- Attendance is IMPORTANT! In order to be a successful learner, your presence in class is essential.
- Arrive on time.
- Get your start-up binder and be ready to start as soon as the bell rings.
- Cell Phones need to be completely out of sight, or in cell phone jail along the wall.
- 20/10 Rule is in effect - students are not allowed to leave class during the first twenty minutes or last ten minutes of class.
- Remain seated until dismissed.