

Syllabus

Course: Biology I

Instructor: Levi Cooper

Location: Room 104

Instructor's Email: cooperl@cocke.k12.tn.us

Course Overview:

The Biology course incorporates new perspectives and understanding across major subdisciplines of biology. Characteristics of life, cellular biology, DNA, genetics, ecology, and evolution are some of the areas covered. As an introductory course in biology, students are prepared for college and advanced placement courses. Students will be sensitized to various moral and environmental issues being brought to the fore by research in bioengineering and other areas of biological research. They will be provided with tools with which to make educated decisions regarding these new technologies and developments.

Textbook: *Glencoe Biology*

Grading Breakdown

<u>Daily Grades</u>	Labs, Quizzes, Worksheets, Activities, Participation
<u>Test Grades</u>	Chapter Tests, Vocabulary Tests, Prefix/Suffix
<u>E.O.C (15%)</u>	TN Ready E.O.C Exam (15%)
<u>Final Exam (5%)</u>	Comprehensive Final Exam

Expectations of the Instructor:

1. Be in class on time and prepared.
2. Respect your classmates, teachers, and school property.
3. Follow all school rules accordingly.
4. Keep cell phones, headphones & other distractions put away.

Materials needed for class:

- Paper
- Pencil / Blue or Black Ink Pens
- Computer & Charger

Grading Scale

A = 90 - 100

B = 80-89

C = 70-79

D = 60-69

Pacing Guide

<u>Macromolecules</u>	Sections 1.3, 2.3, 2.4, 2.5	7 Days (Test)
<u>Cells</u>	Section 1.2, 17.1, & Chapter 3	15 Days (Test)
<u>Photosynthesis & Respiration</u>	Chapter 4	11 Days (Test)
<u>DNA & Proteins</u>	Chapter 8	11 Days (Test)
<u>Benchmark</u>	Covers First 4 Units	Midterm
<u>Cell Cycle</u>	Chapter 5	8 Days (Test)
<u>Genetics</u>	Chapters 6 & 7	12 Days (Test)
<u>Ecology</u>	Chapters 13 & 14	9 Days (Test)
<u>Evolution</u>	Chapters 11 & 12	8 Days (Test)
<u>EOC Review</u>	All Material	5 Days
<u>Final Exam Review</u>	All Material	3 Days

Video Resources

- Crash Course Biology : <https://youtube.com/playlist?list=PL3EED4C1D684D3ADF>
- Amoeba Sisters: <https://www.youtube.com/@AmoebaSisters/videos>
- Inside a Cell: <https://www.youtube.com/watch?v=Ai2X4GZyYYo&t=1s>

EOC Testing Window: Nov. 27 - Dec. 14, 2023