

Calallen ISD 2025-2026
Syllabus

Campus: Calallen High School

Course and/or Grade Level: Biology

Course Description: In Biology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

Semester 1: August 13 – December 19, 2025

1st Quarter Topics	2nd Quarter Topics
• Ecosystems • Cells/Biochemistry • Cellular Processes: Transport	• Cell Processes: Cell Cycle • Cell Processes: DNA and Protein Synthesis • Genetics and Heredity

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics	4th Quarter Topics
• Evolution • Body Systems + Cell Respiration	• Plant Systems + Photosynthesis • Biology EOC Review • Specimen Dissections and End-of-Year Projects STAAR/EOC Test – 4/21/26

**Minor adjustment to the schedule may be made based on campus schedules and student needs.*