

AP Biology

The AP Biology course is a fast paced, challenging, and fun yearlong biology course designed to be the equivalent of an introductory college course. Success in this course will depend on your study skills, reading and writing abilities, motivation and maturity. AP BIOLOGY differs significantly from the usual first high school course in biology with respect to the kind of textbook used, range and depth of topics covered, laboratory work done by students, and time and effort required of the students. Student-designed labs rather than “cookbook” labs are the ultimate goal.

Big Idea 1: The process of evolution drives the diversity and unity of life.

Big Idea 2: Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.

Big Idea 3: Living systems store, retrieve, transmit and respond to information essential to life processes.

Big Idea 4: Biological systems interact, and these systems and their interactions possess complex properties.