

Current Events for Biology

Unit	Topic(s)	News Stories
Introduction to Biology	Scientific method, research methods, and experimental design	Articles on groundbreaking scientific discoveries and how research impacts daily life (e.g., climate studies, medical trials)
Cell Biology	Cell structure, function, and processes (mitosis, meiosis, cell membranes)	Stem cell therapy Cancer research Cell regeneration breakthroughs
Biochemistry	Macromolecules, enzymes, and chemical reactions in living organisms	Articles on advancements in biotechnology , such as enzyme applications in medicine or agriculture
Genetics	DNA structure, inheritance, genetic disorders, and gene technology	CRISPR gene editing Genetic testing Debates on gene therapy
Evolution	Natural selection, adaptation, and speciation	Species evolution Fossil discoveries Animal adaptation to climate change
Ecology	Ecosystems, food chains, biodiversity, and human impact	Conservation efforts Endangered species protection Habitat restoration projects
Human Body Systems	Major organ systems (nervous, circulatory, respiratory)	Articles on medical advancements (e.g., organ transplants , vaccine development , and artificial organs)
Microbiology	Viruses, bacteria, and their roles in ecosystems	Pandemics & Epidemics Antibiotic resistance Development of new vaccines and treatments
Plant Biology	Photosynthesis, plant structure, and plant ecosystems	Sustainable agriculture Deforestation Advancements in plant-based energy production
Biotechnology	Genetic engineering, bioethics, and applications in society	Innovations in biotech Debates on GMO foods Ethical considerations surrounding bioengineering