

BIOLOGY

Interactive Websites

Utah Education Network: Biology Online Interactive Activities-Includes interactive simulations on ecosystems, cells, organ systems, genetics and evolution.

- <http://www.uen.org/core/science/studentactivities/biology.shtml> hhmiBioInteractive-Virtual Labs which allow you to practice the skills and techniques of scientific research in a fully interactive, virtual environment, as well as hundreds of free science education resources.

- <http://www.hhmi.org/biointeractive/explore-virtual-labs>

PhET Interactive Simulations- Interactive simulations for multiple biology topics.

- <https://phet.colorado.edu/en/simulations/category/biology>

Connecting Concepts: Interactive Lessons in Biology-A series of interactive web-based lessons designed to give introductory undergraduate biology students opportunities to connect biology concepts.

- <https://ats.doit.wisc.edu/biology/lessons.htm>

Online Labs – Biology “a list of freely available online biology lab resources, including microscopy, genetics and life science.”

- <http://onlinelabs.in/biology>

Informational/Instructional Websites & Videos

Encyclopedia of Life-A free online resources that brings together information about all life on Earth including texts, images, videos, sounds, maps, classifications, etc.

- <http://eol.org/>

Biology Corner-Contains lessons, videos, interactive simulations and experiments, handouts, etc., on the topics of anatomy, cell biology, evolution, genetics and ecology.

- <https://phet.colorado.edu/en/simulations/category/biology>

Learn.Genetics-Basic genetics topics that include chromosomes, DNA, RNA, traits, genes, inheritance, etc. Each topic is described in text and include a video or interactive simulation.

- <http://learn.genetics.utah.edu/content/basics/>

Terminology, Games and Practice Tests

Varsity Tutors: Free Biology Practice Tests- Numerous practice tests with a variety of difficulty levels. Sign-up is free and optional.

- https://www.varsitytutors.com/high_school_biology-practice-tests

APStudents-AP Biology Exam Practice information which includes, the exam format, exam practice tips, numerous free response questions with scoring guidelines and answers.

- <https://apstudent.collegeboard.org/apcourse/ap-biology/exam-practice>

Biology Junction-Includes online quizzes to review each topic covered in biology; answers are not included.

- <http://www.biologyjunction.com/quizzes.htm>

HESIA2 Practice Test-An interactive exam of 40 questions, that includes instant scoring and detailed explanations.

- <http://www.hesia2practicetest.com/hesi-a2-biology-practice-test/>