

Life Science Websites

Middle and High School Biology Lessons

This site has lessons with teacher and student guides/lab sheets

http://serendip.brynmawr.edu/sci_edu/waldron/#yeast

<http://serendip.brynmawr.edu/exchange/waldron/meiosis>

This site has both high school and middle school lessons as well for all subject areas with a medical slant.

<http://www.haspi.org/haspi-curriculum.html>

Nancy Clark has compiled a list of websites, activities, and other items used during her 37 years of teaching.

<http://www.nclark.net/Biology>

Teacher collection: This site developed by Shannon Muskopf , a high school biology, AP biology, anatomy & physics teacher.

<http://www.biologycorner.com/>

Site developed by **Baylor College of Medicine**, it has courses, news, lessons, STEM lessons for life science, and more for K-12

<http://www.bioedonline.org/>

For **peer-reviewed articles in the biological sciences**, try this site.

<http://actionbioscience.org/>

Howard Hughes Medical Institute site for educational resources

<http://www.hhmi.org/educational-materials>

BioSciEdNet site - Searchable resources for K-12

<http://www.biosciednet.org/portal/k12/index.php>

Bioliteracy: Most useful for upper levels, this site has a variety of organizational concept maps, misconceptions, and supporting readings

<http://bioliteracy.colorado.edu/>

Biological Exceptions: This site is exactly what it says it is - Lots of interesting information

<http://biologicalexceptions.blogspot.com/>

Biology 4 Kids - Lots of Introductory information - Good for students with adequate readings skills

<http://www.biology4kids.com/>

This site is geared to high school biology and AP
<http://www.haspi.org/haspi-curriculum.html>

This site offers a variety of biology lessons with a search engine for all grade levels & sciences.
<https://concord.org/stem-resources/subject/biology>

Biology Project: From the University of Arizona, the page has a lot of information for upper levels. The Pre-College connections however do not work.
<http://www.biology.arizona.edu/>

American Society for Bone and Mineral Research: This is the place for understanding bones!
<http://depts.washington.edu/bonebio/ASBMRed/ASBMRed.html>

Discover Life site - Searchable to identify different life forms, plus educational resources to learn about life.
<http://www.discoverlife.org/>

Reading Selections: Sets of readings designed in a guided inquiry format to discover the history and nature of science.
<http://www1.umn.edu/ships/db/>

The Exploratorium in San Francisco has great resources on their website.
<http://www.exploratorium.edu/>

Fungus: If this is your area of need, check this site.
http://botit.botany.wisc.edu/toms_fungi/

The **Franklin Institute** offers resources on the heart, brain, history of science/technology, and Benjamin Franklin as well
<https://www.fi.edu/rsl>

Body Systems: This site shows the human body systems, including the reproductive systems. Be sure to check out the popular body regions where you can manipulate a 3D image.
<http://www.innerbody.com/>

Drug Information: If you are searching for information to share on drugs, check out this site.
<http://www.drugabuse.gov/parents-educators>

Online Biology Book: Do you need text information? Check out this online biology book.
<http://www2.estrellamountain.edu/faculty/farabee/BIOBK/BIOBOOKTOC.html>

Article on bacteria
<https://www.quantamagazine.org/20150206-crispr-dna-editor-bacteria/>

Course on epidemiology

<http://activepi.herokuapp.com/courses/active-epi-course>

Outdoor Science: If you are wanting to take your class outside, check out these resources from the Lawrence Hall of Science.

<http://www.outdoorbiology.com/>

Macroinvertebrate ID cards

<http://www.learnatboces.com/macroinvertebrates-id-cards#>

"Tales from the Poisoner's Handbook," which is available via streaming on PBS.org

(<http://www.pbs.org/wgbh/americanexperience/features/interactive/poisoners-tales/>).

Comment from a user: "My forensics students routinely give it the highest compliment that a student can give a documentary -- "I'd watch this on my own." I actually had students who were absent watch it on their own before they even came back to class, just on the word of mouth from their friends in the class."

Fun site for students and teachers, talks about all things extreme in our world.

<http://www.extremescience.com/index.html>

Scholastic's site for review of various topics. Scroll through to find your topic.

<http://studyjams.scholastic.com/studyjams/jams/science/index.htm>

National Geographic for Kids

<http://kids.nationalgeographic.com/>

Science behind the news

<http://whyfiles.org/>

Schoolyard Habitats

<http://www.nwf.org/How-to-Help/Garden-for-Wildlife/Schoolyard-Habitats.aspx>

Utah Teacher Education Network

Begin your search for lesson resources at this site. Lots of genetics, heredity lessons along with other options.

<http://www.uen.org/curriculumsearch/searchParams.action>

Newton's Apple

<http://www.tpt.org/newtons/>

Human Impact on environment, ecosystems, etc.

<http://www.epa.gov/students/teachers.html>

Science Learn: This site in New Zealand has many resources for teaching biology/life science concepts.

<http://sciencelearn.org.nz/>

The National Institutes of Health site offers lessons for high school, middle school, and elementary. The elementary segment has lessons on the mouth and its function designed for Grades 1-2

<https://science.education.nih.gov/customers/WebPages/CSHome.html>

Florida Museum of Natural History: This site has videos of scientist explaining their research and why they chose to pursue careers in science.

<http://www.flmnh.ufl.edu/panama-pire/pcppireteach/videos.htm>

How Wolves Change Rivers

- YouTube video by George Monbiot

<https://www.youtube.com/watch?v=ysa5OBhXz-Q>

- Rebuttal that maybe wolves don't change rivers

<https://strangebehaviors.wordpress.com/2014/03/10/maybe-wolves-dont-change-rivers-after-all/>

These sites provide a study whales in relation to evolution/environments.

<http://www.indiana.edu/~ensiweb/lessons/wh.legs.html>

<https://ncse.com/library-resource/origin-whales-power-independent-evidence>

This site has lessons you can order. You can order a free one for shipping charges of \$8.

<http://www.sciencetakeout.com/>

You Tube Video on Origin of Life

<https://www.youtube.com/watch?v=xyhZcEY5PCQ>