

Resources for Teachers

Classroom Resources from the National Library of Medicine

k12.nlm.nih.gov

BIOLOGY

Against the Odds: Making a Difference in Global Health (Grades 9-12+)

How communities work to improve quality of life. Classroom resources included.

apps.nlm.nih.gov/againsttheodds

MedlinePlus® (Grades 6-12+)

Easy to read health information.

An excellent source for all ages.

Also available in Spanish.

medlineplus.gov



PubMed®/MEDLINE® (Grades 11-12+)

A citation index for articles from medical and life science journals. View the PubMed tutorial for site navigation.

pubmed.gov

Rewriting the Book of Nature: Charles Darwin and the Rise of Evolutionary Theory (Grades 9-12+)

Explores the scientific discoveries and contributions of Charles Darwin.

www.nlm.nih.gov/exhibition/darwin/index.html

Visible Human Project® (Grades 6-12+)

Complete, anatomically detailed, 3D representations of the normal male and female human bodies.

www.nlm.nih.gov/research/visible/visible_human.html

CHEMISTRY

ChemIDplus®/ Chemicals Page (Grades 7-12+)

View and manipulate chemical structures for more than 388,000 chemicals. Create cis and trans models, conduct structure similarity searches, and view chemical synonyms.

sis.nlm.nih.gov/chemical.html

National Library of Medicine

8600 Rockville Pike • Bethesda, MD 20894

1-888-FIND-NLM • custserv@nlm.nih.gov

ENVIRONMENTAL HEALTH SCIENCE

Environmental Health Student Portal (Grades 6-8)

Connects middle school students to environmental health information.

kidsenvirohealth.nlm.nih.gov

Household Products Database (Grades 6-12+)

Learn about the potential health effects of chemicals in common household products.

hpd.nlm.nih.gov

TOXMAP® (Grades 9-12+)

Uses maps of the United States to visually explore Superfund and Toxic Release Inventory data from the EPA. Includes classroom materials.

toxmap.nlm.nih.gov/toxmap

ToxMystery™ (Grades 1-5)

Interactive site teaching elementary school students about toxic substances in the home. Includes lesson plans and activities. Also available in Spanish.

toxmystery.nlm.nih.gov

Tox Town® (Grades 6-12+)

Guide to commonly encountered toxic substances. Includes classroom materials.

Also available in Spanish.

toxtown.nlm.nih.gov



Tox Town® Environmental Health Curriculum for Middle School (Grades 6-8)

Lessons and activities combine research on the Tox Town Web site with hands-on experiments and social action activities.

www.toxtown.nlm.nih.gov/text_version/teachers6.php

ToxLearn and Toxicology Tutorials (Grades 9-12+)

Written at the introductory college student level; teaches basic toxicology principles.

sis.nlm.nih.gov/enviro/toxtutor.html

FORENSIC SCIENCE & MEDICAL TECHNOLOGY

Frankenstein – Penetrating the Secrets of Science (Grades 6-12+)

Explores Frankenstein as a framework for discussing the ethics involved in scientific research. Lesson plans included.

www.nlm.nih.gov/frankenstein



Visible Proofs:

Forensic Views of the Body (Grades 6-12+)

Collection of images, videos, and stories about the history and the development of forensics. Classroom resources included.

www.nlm.nih.gov/visibleproofs

GENETICS

GeneEd

Links to vetted genetic Web sites based on high school science curriculum. Includes lesson plans and current events.

geneed.nlm.nih.gov



Genetics Home Reference™ (Grades 6-12+)

Information about genetic conditions.

ghr.nlm.nih.gov

Harry Potter's World: Renaissance Science, Magic, and Medicine - Genetic Traits (Grades 9-12)

Explore the genetics of the characters and the roots of the creatures and magic in the Harry Potter book series in terms of Renaissance science and historical lore. Lesson plans included.

www.nlm.nih.gov/exhibition/harrypottersworld/middleHighSchool.html

Help Me Understand Genetics Handbook (Grades 6-12+)

Basic information about genetics in clear language and links to online resources.

ghr.nlm.nih.gov/handbook

Science Primer (Grades 6-12+)

A basic introduction to the science and technology of genetics and genomes.

ncbi.nlm.nih.gov/About/primer

HEALTH INFORMATION TUTORIALS

Evaluating Internet Health Information Tutorial (Grades 6-12+)

Learn how to evaluate health information found on the Web. Middle school and up.

www.nlm.nih.gov/medlineplus/webeval/webeval.html

Finding and Using Health Statistics (Grades 9-12+)

Course in understanding health statistics. Also includes strategies for locating statistics.

www.nlm.nih.gov/nichsr/usestats/index.htm

Guide to Health Web Surfing (Grades 6-12+)

What to look for when evaluating the quality of health information on the Internet.

www.nlm.nih.gov/medlineplus/healthywebsurfing.html

Understanding Medical Words (Grades 9-12+)

Tutorial for consumers on understanding medical terminology.

www.nlm.nih.gov/medlineplus/medicalwords.html

HIV/AIDS

AIDSInfo (Grades 6-12+)

Educational materials including fact sheets and glossary terms related to HIV/AIDS.

aidsinfo.nih.gov

HIV/AIDS Portal (Grades 6-12+)

Links to scientific and consumer-related information about prevention, clinical trials, treatment and living with HIV/AIDS.

aids.nlm.nih.gov



CAREERS

Changing the Face of Medicine: Celebrating America's Women Physicians (Grades 9-12+)

Features the lives and work of women physicians from the 19th century. Classroom resources included.

www.nlm.nih.gov/changingthefaceofmedicine

Enviro-Health Links: Education, Careers, and Outreach in Toxicology and Environmental Health (Grades 9-12+)

Links to Web sites about education and careers in toxicology and environmental health.

sis.nlm.nih.gov/enviro/edcotox.html

Health Occupations (Grades 9-12+)

Resource links to information about health occupations.

www.nlm.nih.gov/medlineplus/healthoccupations.html

SPANISH-LANGUAGE RESOURCES

InfoSIDA® (Grades 6-12+)

infosida.nih.gov

MedlinePlus® (Grades 6-12+)

medlineplus.gov/spanish

ToxMystery en español (Grades 1-5)

toxmystery.nlm.nih.gov/espanol.html

Tox Town en español (Grades 6-12+)

toxtown.nlm.nih.gov/espanol



Sign up for our monthly newsletter:

<https://list.nih.gov/cgi-bin/wa.exe?SUBED1=K12NLMRESOURCES&A=1>