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

Rewriting the Book of Nature: Charles Darwin and the Rise of Evolutionary Theory (Grades 9-12+)
Explore the scientific discoveries and contributions of Charles Darwin.
nlm.nih.gov/exhibition/darwin/index.html

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

Visible Human Project® (Grades 6-12+)
Complete, anatomically detailed, 3D representations of the normal male and female human bodies.
nlm.nih.gov/research/visible/visible_human.html

Environmental Health Science
Engaging Educational Animations (Grades 6-8)
Educational Animations that convey complex environmental health concepts.
kidsenvirohealth.nlm.nih.gov/generic/3/videos

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

Chemistry
ChemIDplus®/ Chemicals Page (Grades 7-12+)
View and manipulate chemical structures for more than 400,000 chemicals. Create cis and trans models, conduct structure similarity searches, and view chemical synonyms.
sis.nlm.nih.gov/chemical.html

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
K-12 Web Resources for Your Science Classroom

Forensic Science and 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.
.nlm.nih.gov/frankenstein

Visible Proofs: Forensic Views of the Body (Grades 6-12+)
Collection of images, videos, and stories about the history and development of forensics. Classroom resources included.
.nlm.nih.gov/visibleproofs

Genetics

GeneEd (Grades 9-12)
Links to vetted genetics 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.
g.hr.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.
.nlm.nih.gov/exhibition/harrypottersworld

Help Me Understand Genetics Handbook (Grade 6-12+)
Information about genetics in clear language and links to online resources.
g.hr.nlm.nih.gov/handbook

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

Finding and Using Health Statistics (Grades 9-12+)
Course in health statistics. Also includes strategies for locating health statistics.
.nlm.nih.gov/nichsr/usestats/index.html

Guide to Health Web Surfing (Grades 6-12+)
What to look for when evaluating the quality of health information on the Internet.
.nlm.nih.gov/medlineplus/healthywebsurfing.html

Understanding Medical Words (Grades 9-12+)
Tutorial for consumers on understanding medical terminology.
.nlm.nih.gov/medlineplus/medicalwords.html

Science in Society

Native Voices (Grades 6-12+)
Lesson plans that explore Native Americans’ relationship to their health and the environment. The lessons enhance the experience of the Native Voices traveling and online exhibit.
.nlm.nih.gov/nativevoices/resources/lesson-plans-list.html

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.
.nlm.nih.gov/changingthefaceofmedicine

Enviro-Health Links: Education, Careers and Outreach in Toxicology and Enviromental 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.
.nlm.nih.gov/medlineplus/healthoccupations.html

Spanish Resources

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

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