

National Library of Medicine: K-12 Science and Health Resources

| Website | Description | PD | Instructional | Science | Health | Grade | Content Area |
|---|--|----|---------------|---------|--------|--------|----------------------------|
| MedlinePlus | Easy to read health information. An excellent information resource for all ages with over 900 health topics. Also available in Spanish, with 48 additional languages represented. Includes medical images and videos, interactive tutorials, and a medical encyclopedia. | | X | X | x | 6 -12+ | Biology and General Health |
| PubMed | A citation index for articles from medical and life science journals. View the PubMed tutorial for site navigation guidance. | | X | X | X | 11-12+ | Biology and General Health |
| Visible Human Project | Complete, anatomically detailed, 3D representations of the normal male and female human bodies. | | X | X | | 6-12+ | Biology |
| Against the Odds: Making A Difference in Global Health | How communities work to improve quality of life. Classroom resources included. This online exhibit uses biology, health, and world study topics to engage students in global health issues and solutions from experiential and multidisciplinary perspectives. Lesson plans for grades 3-12. | X | X | | X | 3-12+ | Biology |
| Enviro-Health Links - Education, Careers, and Outreach in Toxicology and Environmental Health | Links to Web sites about education and careers in toxicology and environmental health. | | X | X | X | 6-12+ | Careers |
| Changing the Face of Medicine: Celebrating America's Women Physicians | Features the lives and work of women physicians from the 19th century. | X | X | X | X | 6-12+ | Careers |

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| Haz-Map | Choose a job, learn about its dangers. | | X | X | X | 6-12+ | Careers |
| Health Occupations | Resource links to information about health occupations. | | X | X | X | 6-12+ | Careers |
| ChemIDplus | View and manipulate chemical structures for over 388,000 chemicals. Create SIS and TRANS models, conduct structure similarity searches, and view chemical synonyms. | | X | X | | 7-12+ | Environmental Health Science/Chemistry |
| Website | Description | PD | Instructional | Science | Health | Grade | Content Area |
| Environmental Health Student Portal | Connecting middle school students to environmental health information. | | X | X | X | 6-8 | Environmental Health Science/Chemistry |
| Household Products Database | Learn about the potential health effects of chemicals in common household products. | | X | X | | 6-12+ | Environmental Health Science/Chemistry |
| Making Connections: Human Activity, Environmental Impact on Human Health Lesson Plan (PDF 31.04 KB) | Students will gain a better appreciation for Earth by learning about the relationship between our environment and our health. | X | | X | X | 6-8 | Environmental Health Science/Chemistry |
| TOXMAP | Uses maps of the U.S. to visually explore data from the EPA. Includes classroom materials. | | X | X | | 9-12+ | Environmental Health Science/Chemistry |
| ToxMystery | Interactive site teaching elementary school students about toxic substances in the home. Includes lesson plans and activities. Also available in Spanish. | X | X | X | | 1-5 | Environmental Health Science/Chemistry |

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| Tox Town | Guide to commonly encountered toxic substances. Includes classroom materials. Also available in Spanish. | | X | X | | 6-12+ | Environmental Health Science/Chemistry |
| ToxLearn and Toxicology Tutorials | Written at the introductory college student level and teaches basic toxicology principles. | X | | X | | 9-12+ | Environmental Health Science/Chemistry |
| Frankenstein - Penetrating the secrets of nature | Explores Frankenstein as a framework for discussing the ethics involved in scientific research. | X | X | X | X | 6-12+ | Forensics and Medical Technology |
| Rewriting the Book of Nature: Charles Darwin and the Rise of Evolutionary Theory | Explore the scientific discoveries and contributions of Charles Darwin | X | | X | | 9-12+ | Forensics and Medical Technology |
| Visible Human Project | Complete, anatomically detailed, 3D representations of the normal male and female human bodies. | | X | X | | 6-12+ | Forensics and Medical Technology |
| Visible Proofs: Forensic Views of the Body | Collection of images, videos and stories about the history and the development of forensics. Includes lesson plans. | X | X | X | | 6-12+ | Forensics and Medical Technology |
| Come On, Mom, Dad, Get Healthy! (PDF, 764.11 KB) | Teens Against Parent Addiction Squad Take Action. Includes lesson plans. | X | X | | X | 6-8 | General Health |
| Children's Page | Health and safety materials for students. Includes quizzes and games. | | X | | X | 3-8 | General Health |
| Teen Health | Materials written specifically for teens about health and safety. | | X | | X | 7-12 | General Health |
| Genetics Home Reference | Information about genetic conditions. | | X | X | X | 6-12 | Genetics |

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| Harry Potter's World: Renaissance Science, Magic and Medicine | 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. | X | X | X | X | 6-12+ | Genetics |
| Help Me Understand Genetics Handbook | Basic information about genetics in clear language and links to online resources. | | X | X | X | 6-12+ | Genetics |
| Science Primer | A basic introduction to the science and technology of genetics and genomes. | | X | X | X | 7-12+ | Genetics |
| AIDSinfo Homework Help | Reliable homework help section to help students and teachers understand HIV/AIDS. | | X | | X | 6-12+ | HIV/AIDS |
| HIV/AIDS Portal | Links to journal literature, clinical trials and treatment information, meeting abstracts, and other scientific and consumer-related resources. | | X | | X | 6-12+ | HIV/AIDS |
| Evaluating Internet Health Information Tutorial | Learn how to evaluate health information found on the Web. | | X | | X | 6-12+ | Health Information Tutorials |
| Finding and Using Health Statistics | Course in understanding health statistics. Also includes strategies for locating statistics. | | X | | X | 9-12+ | Health Information Tutorials |
| Guide to Health Web Surfing | What to look for when evaluating the quality of health information on the Internet. | | X | | X | 6-12+ | Health Information Tutorials |
| Understanding Medical Words | Tutorial for consumers on understanding medical terminology. | | X | | X | 9-12+ | Health Information Tutorials |