

Free Lesson Plans from the National Library of Medicine For Health and Science Teachers



Harry Potter, Renaissance Science, Magic and Medicine

<http://www.nlm.nih.gov/exhibition/harrypottersworld/>

Include lessons for middle school, high school and higher education. Also, includes a bibliography of related books that might interest the Harry Potter enthusiast.



*Changing the face
of Medicine*

Changing the face of Medicine: Celebrating America's Women Physicians

<http://www.nlm.nih.gov/changingthefaceofmedicine/exhibition/>

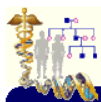
Celebrate women physicians and inspire youth to consider a career in medicine! Includes online activities to learn how the human body works and how exceptional physicians have improved our quality of life. Activities feature ophthalmoscope, circulation station, sickle cell anemia and a closer look at chromosomes.



Visible Proofs: Forensic Views of the Body

<http://www.nlm.nih.gov/visibleproofs/index.html>

Includes online activities and lesson plans. Lesson plans for grades 6 -12 teach students about the anthropometric measuring system, how the blow fly is used in forensic science, the basics of DNA and DNA profiling techniques.



Genetics Home Reference
Your Guide to Understanding Genetic Conditions

Genetics Home Reference

<http://ghr.nlm.nih.gov>

Includes a [Help Me Understand Genetics Handbook](#) with information on cells, DNA, how genes work, mutations and health, inheriting genetic conditions, genetic consultation, genetic testing, gene therapy, the Human Genome Project, and Genomic Research.

Tox Town

Environmental health concerns and toxic chemicals where you live, work, and play

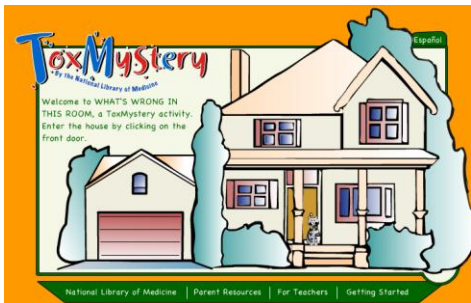
Tox Town <http://toxtown.nlm.nih.gov>

Explore this interactive town, city, port, farm and US/Mexico border to raise environmental health awareness. Site includes sample searches for individual or group exercises. Explore the following discussion questions:

- What does carbon dioxide have to do with global warming?
- How safe is this beach?
- How does the beginning of the school year affect kids with asthma?
- How can industrial chemicals like toluene in landfills affect a community?
- Why do firefighters care about benzene?

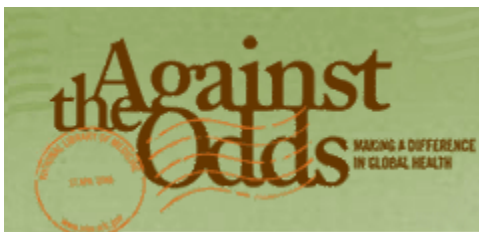
Also, you will find linked other interactive resources like the EPA Planet Protectors for Kids.

<http://www.epa.gov/osw/education/kids/planetprotectors/>



ToxMystery <http://toxystery.nlm.nih.gov>

Toxie the Cat teaches you about hazards in the home. Includes lesson plans for K-6 health or science teachers. The three lesson plans with activity sheets focus on common household chemical hazards and acidity/alkalinity. There are six other activity sheets including a word scramble, word search, fill in the blank, matching game and Toxie the Cat maze. Extra activities include a ToxMystery Glossary, multiple choice quiz and printable certificate.



Against the Odds:

Making a Difference in Global Health

<http://apps.nlm.nih.gov/againsttheodds/>

Explore the stories of communities who are taking up the challenge to prevent disease and improve quality of life around the world. Includes lesson plans on health and human rights (grades 7-10), healthy lifestyle (grades 3-6), preventing the spread of disease (grades 6-12), as well as an educator's guide to hosting a global health conference. Also, includes two interactive games: the world of global health and who's who in global health.



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