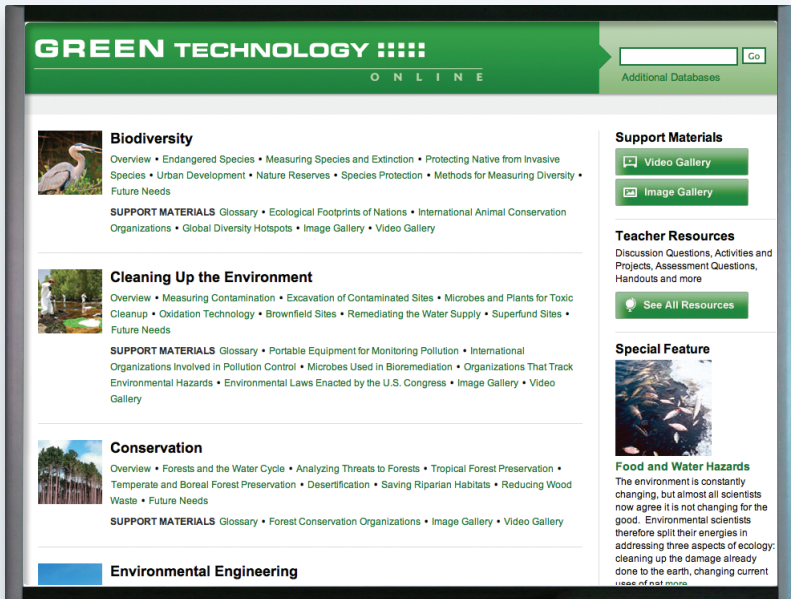


# Green Technology

## ONLINE



**GREEN TECHNOLOGY ::::**  
ONLINE

Additional Databases

**Biodiversity**  
Overview • Endangered Species • Measuring Species and Extinction • Protecting Native from Invasive Species • Urban Development • Nature Reserves • Species Protection • Methods for Measuring Diversity • Future Needs  
**SUPPORT MATERIALS** Glossary • Ecological Footprints of Nations • International Animal Conservation Organizations • Global Diversity Hotspots • Image Gallery • Video Gallery


**Cleaning Up the Environment**  
Overview • Measuring Contamination • Excavation of Contaminated Sites • Microbes and Plants for Toxic Cleanup • Oxidation Technology • Brownfield Sites • Remediating the Water Supply • Superfund Sites • Future Needs  
**SUPPORT MATERIALS** Glossary • Portable Equipment for Monitoring Pollution • International Organizations Involved in Pollution Control • Microbes Used in Bioremediation • Organizations That Track Environmental Hazards • Environmental Laws Enacted by the U.S. Congress • Image Gallery • Video Gallery

**Conservation**  
Overview • Forests and the Water Cycle • Analyzing Threats to Forests • Tropical Forest Preservation • Temperate and Boreal Forest Preservation • Desertification • Saving Riparian Habitats • Reducing Wood Waste • Future Needs  
**SUPPORT MATERIALS** Glossary • Forest Conservation Organizations • Image Gallery • Video Gallery

**Environmental Engineering**

**Support Materials**

**Teacher Resources**  
Discussion Questions, Activities and Projects, Assessment Questions, Handouts and more

**Special Feature**  
  
**Food and Water Hazards**  
The environment is constantly changing, but almost all scientists now agree it is not changing for the good. Environmental scientists therefore split their energies in addressing three aspects of ecology: cleaning up the damage already done to the earth, changing current usage of natural resources.

Featuring lively text and images, *Green Technology Online* provides an in-depth look at the Earth's increasing environmental problems and the new and current methods for repairing and restoring the environment. From cleaning up the environment to renewable energy sources, green technologies focus on cleaning up the damage already inflicted on the planet, changing how we use natural resources, and developing new tools to conserve remaining resources. Learning Units contained in this eLearning Module cover pollution, waste treatment, cleaning up the environment, and more.

### Learning Unit Chapters

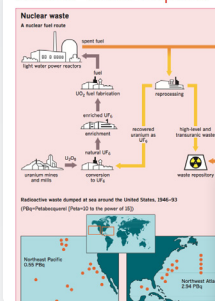
Each eLearning Module is divided into Learning Units, displayed in chapters, with high-quality images, sidebars, in-text links, and dynamic citations. Support materials for each chapter are also conveniently located, allowing for seamless in-class integration. Learning Units in *Green Technology Online* include:

- |                             |                  |
|-----------------------------|------------------|
| Biodiversity                | Pollution        |
| Cleaning Up the Environment | Renewable Energy |
| Conservation                | Sustainability   |
| Environmental Engineering   | Waste Treatment. |

### Targeted, Focused ENVIRONMENTAL SCIENCE Content

Printable  
Materials

#### Nuclear waste disposal



#### Key words

Nuclear waste

#### Nuclear waste problem

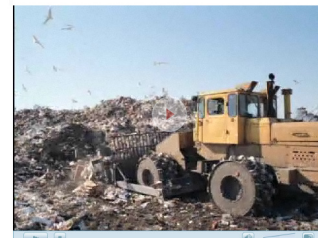
Since the 1950s, more than 30,000 tons of spent fuel have been produced for more than 40 reactors in 31 countries.

• The first nuclear reactor was built and is estimated that by 2050, production will have risen to 100,000 tons.

#### Waste disposal on land

• The method of disposing of nuclear waste is hotly debated.

• The most common method is to store it in a repository.



Excerpt from: Go Green Around Your Home (Learning Zone Express)

The downside to our portable lifestyle is an accumulation of use batteries. They are filled with toxic, heavy metals. Find a safe place to recycle batteries. Keep pencils, computers, monitors, and solvents out of garbage cans.

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High-quality  
Videos

### Features:

- Correlations to Common Core, state, and national educational standards
- Proprietary content
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- Media galleries
- Read Aloud audio tool
- Google Translate on every page, with 53 languages to choose from
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(continued on reverse)

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Energy and the Environment Online  
Essential Chemistry Online  
Genes and Disease Online  
Genetics and Evolution Online  
Global Warming Online  
Green Technology Online  
The Human Body: How It Works Online  
Physics in Action Online  
The Plant World Online

### U.S. HISTORY

America at War Online  
Life in America Online  
Your Government: How It Works Online

### WORLD HISTORY

Global Exploration Online  
Great Empires of the Past Online

### COMING SOON!

Character Education Online  
Healthy Eating Online  
Understanding Drugs Online

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