

Books

A Hazardous Inquiry : The Rashomon Effect at Love Canal, Mazur, Allan, \$18.90

"Love Canal." Americans hear these words and quickly recoil, remembering a community poisoned by toxic waste. As the 20th anniversary of the incident approaches, Allan Mazur reexamines the circumstances that made this upstate New York neighborhood synonymous with ecological catastrophe and triggered federal "Superfund" legislation to clean up the nation's thousands of hazardous waste sites.

Love Canal, The Story Continues, Gibbs, Lois M., ISBN: 0865713820, \$16.95

At Love Canal, with the nation watching, Gibbs proved that an "average" person could become empowered enough to change not only her life, but also the lives of others... and the course of environmental policy across the country.

Web Sites

Underground storage tank leak detection study
<http://www.terraplus.com/papers/westec.htm>

Consolidated report on EPA's Leaking Underground Storage Tank Program
<http://www.epa.gov/oigearth/lustrept.htm>

National Science Content Standards

Content Area	Standards
Earth Science	A3, A5, A6
Science and Technology	A2
Science in Personal & Social Perspectives	A2, B2, C2, D1, D2, E3, E4, E5
History and Nature of Science	A1, A2, B3

Materials

Activity	Material	Amount
Wicked Wicking	Paper or plastic cup	1 per pair
	String (thin cotton, 40cm long)	1 per pair
	Ring stand and ring	1 per pair
	2-liter or 1-liter clear plastic bottle (empty)	2 per pair
	2-liter or 1-liter clear plastic bottle (with water)	1 per pair
	Bowl (large, wide)	1 per pair
	Funnel (large)	1 per pair
	Nail or awl	1 per pair

Toxic Leak!

Important! To return to the lesson, **you must** select **Quit** from the File pull-down menu.

	Food coloring	per class
	Paper towels	per class
	Sand (fine)	per class
	Sand (coarse)	per class
	Stopwatch or wall clock with a second hand	1 per pair
	Water	per class
Spaces in Places	Sand	per pair
	Clay	per pair
	Potting soil	per pair
	Beakers (100ml or clear plastic cups)	2 per pair
	Graduated cylinder (100ml)	1 per pair
	Coffee filters	3 per pair
	Masking tape	per pair
	Rubber bands	per pair
	Scissors	1 per pair
	Stopwatch or wall clock with a second hand	1 per pair
Above and Below	Official Drilling Logs**	1 per student
	Charlestown map with a line**	1 per student
	Adding-machine paper (one strip)	1 per group
	Graph paper	1 per group
	Pencil	1 per student
	Tracing paper	1 per group
	Colored pencils	per group
	Pens for highlighting	per group
	Ruler	1 per group
	Tape	per group
A Day's Worth of Water	Paper	1 per student
	Liquid measuring devices (measuring cups, and so on)	per class
	** denotes something is found in the teacher book	

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